

## FINAL PROGRAM

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Ecological Economics and Rio+20:  
Challenges and Contributions for a Green Economy

Windsor Guanabara Hotel  
Rio de Janeiro - RJ

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**RIO+20**  
United Nations Conference  
on Sustainable Development

United Nations Department  
of Economic and Social Affairs  
(UN-DESA)



Fundação Getulio Vargas



Universidade Federal Rural do  
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TEEB

## ORGANIZATION

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International Society for Ecological Economics



Brazilian Society for Ecological Economics

## OFFICIAL AIRLINE CARRIER

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## CONFERENCE ORGANIZATION

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mci

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## WELCOME LETTER

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Dear fellow travelers:

We warmly welcome you to the XII Biennial Conference of the International Society for Ecological Economics (ISEE). Over the past year we have worked hard to organize this event to dovetail with the UN Conference on Sustainable Development (UNCSD). Rio+20 offers a unique opportunity to take our intellectual debates to a more diverse forum, one especially conducive to conversations between academics, policy makers and civil society actors. We seized the opportunity, little realizing how uphill a task this would be logistically. We are, however, delighted with the result. This conference constitutes a gathering of major thinkers and practitioners, seeking diverse solutions to shared concerns, and linking through their engagement the global and the local, across countries and communities.


We are pleased that the Conference themes have resonated so well with you. Our panels, round-tables, posters and keynotes cover the full span of themes we had outlined in our call for papers. We recognize that efforts to achieve a “green economy” hold significant prospects for cooperation, but also the potential for conflict. There is a promise of green growth but also the possibility of discontent, inequality and exclusion. Can the development agenda, as it unfolds over the next few decades, be sustainable, inclusive and environmentally regenerative?

We face methodological challenges. We need cross-disciplinary approaches. We must bridge chasms and deal with unknowns. We hope this conference will take us forward in addressing these needs. In the coming three days, we hope you will find your particular concerns reflected in one or other of the Conference debates. From these debates could emerge clarity and vision.

We will be counting on you to remain fully engaged, intellectually. And we hope you will help us formulate proposals to take to the delegates at UNCSD.

Friends, we warmly welcome you to Rio de Janeiro and to ISEE2012!

Bina Agarwal  
Peter May  
Paulo Mibielli



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## PROGRAM & SCIENTIFIC COMMITTEE

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- **BINA AGARWAL, President ISEE2012-2013 and President of the ISEE2012 Conference**
- John Gowdy, President ISEE2010-2011
- Peter May, President ISEE2008-2009
- Maria Amélia Enriquez, Past President ECOECO
- Paulo Mibielli, President ECOECO
- José Eli da Veiga, University of São Paulo
- José Feres, Vice-President ALEAR
- Joshua Farley, University of Vermont, United States
- Pushpam Kumar, UNEP, Kenya
- Bernardo Aguilar, President SMEE, Costa Rica
- Roldan Muradian, REDIBEC
- Sigrid Stagl, President ESEE
- Begum Ozkaynak, University of Bogazici, Turkey
- Kevin Urama, President, ASEE, Kenya
- Alberto Lopez Calderon, President, ASAUUE, Argentina
- Wendy Proctor, President, ANZSEE, Australia
- Kanchan Chopra, President INSEE, India
- Joan Martinez-Alier, Autonomous University of Barcelona, Spain

## LOCAL ORGANIZING COMMITTEE

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- **PETER MAY, Chairman**
  - Frederico Cavadas, Board member, ECOECO
  - José Feres, Vice-President, ALEAR
  - Liandra Caldasso, INCT-PPED
  - Paulo Mibielli, President, ECOECO
  - Valeria Vinha, IE-UFRJ
  - Joseph Weiss, Vice-President ECOECO
- 



## CONFIRMED SPEAKERS



**Bina Agarwal** is President of the International Society for Ecological Economics, and Director and Professor of Economics at the Institute of Economic Growth, Delhi. She has held distinguished positions at Harvard, Princeton, Minnesota, Michigan and the NYU School of Law. She has served as Vice-President of the International Economic Association, President of the International Association for Feminist Economics, and as a member of the Stiglitz Commission for the Measurement of Economic Performance and Social Progress. Agarwal has written extensively on environment and development; land, livelihoods and property rights; the political economy of gender; poverty and inequality; law; and agriculture and food security. Among her best known works is the multiple award-winning book, *A Field of One's Own: Gender and Land Rights in South Asia* (Cambridge Univ. Press, 1994) and the more recent *Gender and Green Governance* (Oxford Univ. Press, 2010). In 2008, she was awarded the Padma Shri by the President of India, and in 2010 she received the Leontief Prize from the Global Development and Environment Institute, Tufts University, "for broadening the frontiers of economic thought". ([www.binaagarwal.com](http://www.binaagarwal.com))



**Nnimmo Bassey** is a Nigerian architect, environment activist, and poet. He co-founded Environmental Rights Action (ERA), a Nigerian NGO, as well as a chapter of Friends of the Earth International (FOEI). He is currently Chairman of both ERA and FOEI. He started his advocacy work in the 1990s, denouncing multinationals and governments for environmental and economic mismanagement, as well as human rights abuse, in the Niger Delta oil exploitation area. He has a strong stance against carbon fuels and the carbon credits market both in Nigeria and elsewhere. He criticizes false alternatives, such as agrofuels. He is author of the book *To Cook a Continent: Destructive Extraction and the Climate Crisis in Africa*, published in 2012. In that year, he was also awarded the Right Livelihood Award (often called an Alternative Nobel Prize, especially for environmental protection and human rights).



### **Cristovam Buarque**

Is a Brazilian politician and university professor of Universidade de Brasília - UnB, and also currently Senator for the Federal Capital District. He has served as Minister of Education and Governor of the Federal District. Cristovam received a doctorate in Economics at the Sorbonne and was a Rector of the University of Brasília. He is author of several books in Economics, History, Sociology and Education. His main interest is in education. He states that the whole educational system of Brazil is flawed and that the transformation of education is the only way Brazil can reduce wealth inequality and reduce underdevelopment. He created the NGO “Missão Criança” (Mission Child) to advance subsidized education for children across many nations. He now presides the “Subcomissão Permanente de Acompanhamento da “RIO+20” (Permanent Subcommission of Rio+20 Monitoring) and the Regime Internacional Sobre Mudanças Climáticas no Senado Federal - CRER+20-SF (International Regime on Climate Change in the Senate).



### **Herman Daly**

Is an American economist, often regarded as the father of Ecological Economics. He is currently professor at the School of Public Policy of University of Maryland. Herman was a Senior Economist in the Environment Department of the World Bank from 1988 to 1994, where he helped to advance the policy concepts related to sustainable development. During this period he was engaged in environmental operations in Latin America. He has always been regarded as an alternative or unorthodox economist. He coined the concept of uneconomic growth, which states that growth of the GDP can hide a welfare downturn, by for instance damaging the environment, and proposed the use of an Index of Sustainable Economic Welfare. He is also the first major proponent of a Steady State Economy. Among other prizes, he has received the Right Livelihood Award.



### **Braulio Dias**

Is Executive Secretary of the United Nations Convention on Biological Diversity (CBD), based in Montreal, Canada. Dr. Dias has over three decades of experience in biodiversity science and policy and its implementation at national and international levels. He obtained a BSc in Biological Sciences from the University of Brasilia and his PhD in Zoology from the University of Edinburgh. In his recent role as Secretary of Biodiversity and Forests of the Brazilian Ministry of the Environment, he played a prominent role in the preparation, conception and negotiation of the Strategic Plan for Biodiversity 2011-2020 and its Aichi Biodiversity Targets, adopted in Nagoya Japan in October 2010. Prior to this, he coordinated Brazil's National Biodiversity Programme (PRONABIO) since 1994, the creation of Brazil's National Biodiversity Policy (1998-2002) and the GEF supported National Biological Diversity Project – PROBIO (1996-2005) and National Biodiversity Mainstreaming Project – PROBIO II (2009-present).



### **Francisco Gaetani**

Executive Secretary of the Ministry of Environment of Brazil, received his degree in Public Administration from the London School of Economics and Political Science-LSE. He also served in the executive secretariat of the Brazilian Ministry of Planning, Budgeting and Management, as well as Advisor to the UN Resident Representative and Ambassador to Brazil. He was General Coordinator of the UNDP program in Brazil. In the academic arena, he was active as Director of the Government School of Minas Gerais (João Pinheiro Foundation) and Director of Undergraduate Studies of the National School of Public Administration (ENAP).



**Yolanda Kakabadse**

Is the President of WWF International, the World Wide Fund for Nature and Natural Resources. She served as Minister of Environment in Ecuador, where she founded Fundacion Natura in 1979, one of the most important Latin American environmental NGOs. In 1992 she worked as the NGO liaison in the Rio Earth Summit to coordinate civil society participation in this event. Kakabadse is especially concerned with environmental education and development policies. She serves as a trustee of the Ford Foundation and an as an environmental advisor to companies such as Coca-Cola and Holcim. She has been awarded the Golden Ark by Prince Bernard of the Netherlands, among others prizes.



**Glenn-Marie Lange**

Is the Team Leader for Policy & Economics in the Environment Department where she leads the Department's work on environment and development. She is the principle author of "The Changing Wealth of Nations" and leads the new Global Partnership for Wealth Accounting and Valuation of Ecosystem Services (WAVES). Dr. Lange joined the World Bank in 2009, coming from the Earth Institute at Columbia University (2004-2008) where her work focused broadly on ecosystems services valuation, environmental accounting and development, particularly in Africa and Asia. Prior to that she worked at New York University's Institute for Economic Analysis founded in the late 1970's by Wassily Leontief, where, in addition to environmental accounting, her work included environmental economic modeling with IO models and SAMS. She received a PhD in economics from New York University (1990).



### **Sunita Narain**

Is an environmentalist and Director of the Centre for Science and Environment (CSE), a leading NGO which published India's first State of the Environment Report. CSE has played a major role in shaping environmental policy and practice in India through analysis, public campaigns and publications, including its fortnightly journal *Down to Earth*. Her interests range from the relationship between environment and development to the relationship between local and global democracy. She began her environmental journey in the 1980s, travelling across India to understand natural resource management. Narain has been associated with CSE since 1982. She worked closely with the late Dr. Anil Agrawal who founded CSE and coauthored with him the widely cited 1991 publication *Global Warming in an Unequal World: A case of environmental colonialism*. Under her Directorship CSE has continued to provide cutting edge critiques on environmental questions and shape India's environmental policy on many fronts. In 2005 she was awarded the Padma Shri award by the President of India.



### **William E. Rees**

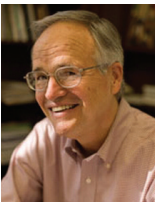
Is an ecologist, ecological economist, Professor Emeritus and former Director of the University of British Columbia's School of Community and Regional Planning in Vancouver, Canada. His research focuses on the biophysical prerequisites for sustainability and on behavioral and cognitive barriers to progress. He is the originator and co-developer (with Dr Mathis Wackernagel) of 'ecological footprint analysis'. Prof Rees has lectured widely across North America and in 25 other countries. He is a member of the Global Ecological Integrity Group; a Fellow of the Post-Carbon Institute; a founding member and past President of the Canadian Society for Ecological Economics; and founding Director of the One Earth Initiative. The Vancouver Sun has named Prof Rees one of British Columbia's top public intellectuals. He was elected to the Royal Society of Canada In 2006, awarded a prestigious Trudeau Foundation Fellowship in 2007 and recently received an Honorary Doctorate from Laval University.

**BOULDING AWARD WINNER: 2012**



### **Ignacy Sachs**

Is a Polish born French eco-socio-economist, based at the Ecole des Hautes Etudes en Sciences Sociales EHESS in Paris, where he created the Centre International de Recherches sur l'Environnement et le Developpement and, later on, the Centre de Recherches sur le Bresil Contemporain. He holds a Degree from the Faculty of Economic and Political Sciences of Rio de Janeiro, and a Ph.D. from the Delhi School of Economics (India). He has been concerned with environmental questions since the 1960s and helped formulate the concept of "ecodevelopment", later transformed into "sustainable development". He took part in the United Nations Conference on Human Environment held in Stockholm in 1972, and in the first Rio Earth Summit in 1992. Sachs believes that a fair world should bring together economic growth, egalitarian sharing of wealth and respect for the environment, as the only way to truly respect both human rights and our planet. BOULGING AWARD WINNER: 2010



### **James Gustave Speth**

Is an American environmental lawyer. He has been involved with environmental issues since the 1970's, working with academia, think tanks and Governmental agencies. He co-founded the Natural Resources Defense Council in 1970 and founded the World Resources Institute in 1982. He was a key adviser for Jimmy Carter's Administration concerning environmental policies, and was head of the United Nations Development Programme in the 1990s. His most recent publication is the award-winning *The Bridge at the Edge of the World: Capitalism, the Environment, and Crossing from Crisis to Sustainability*.



### **Nicholas Stern**

Is IG Patel Professor of Economics and Government at London School of Economics, and head of the India Observatory and Chairman of the Grantham Research Institute on Climate Change and the Environment. He held previous posts at universities in the UK and abroad, as well as at the European Bank for Reconstruction and Development and the World Bank, where he was Chief Economist at both institutions. Lord Stern was Head of the UK Government Economic Service 2003-7, and produced the landmark Stern Review on the economics of climate change. He was knighted for services to economics in 2004 and made a cross-bench life peer as Baron Stern of Brentford in 2007. His most recent book is “A Blueprint for a Safer Planet”.



### **Pavan Sukhdev**

Is the founder and chair of GIST Advisory, a consulting firm specializing in valuing and managing environmental impacts and dependencies at all levels. Pavan previously acted as Special Adviser and Head of UNEP’s Green Economy Initiative. A career banker, Pavan took a sabbatical from Deutsche Bank from 2008 till 2010 in order to deliver the environmental projects “TEEB” and the “Green Economy Report” for UNEP’s Green Economy Initiative. Until July 2008, Pavan headed Deutsche Bank’s Global Markets businesses in India, including its Fixed Income and Equities divisions and Global Markets Centre, Mumbai. Pavan is Chairperson of the World Economic Forum’s “Global Agenda Council” on Biodiversity. He serves on the boards of Stockholm Resilience Centre (SRC), Conservation International (CI) and on UNDP’s Advisory Panel on the Human Development Report and its Human Development Index (HDI). He was awarded the 2011 McKluskey Fellowship at Yale University.



### **Jigmi Y. Thinley**

The Honourable Jigmi Y. Thinley is the first democratically elected Prime Minister of Bhutan. As the founding President of the Druk Phuensum Tshogpa (DPT), he led his party to a landslide victory in Bhutan's first ever national elections held in March 2008, winning 45 out of a total of 47 seats.

Prime Minister Jigmi Y. Thinley is a strong advocate of the philosophy of Gross National Happiness, which is an alternative development model to the GDP led economic growth conceived by His Majesty the Fourth King of Bhutan. He is also committed to conservation of environment. He is presently the Chairman of the National Environment Commission, as also the Chairman of the Ugyen Wangchuck Institute of Conservation and Environment (UWICE). He is also an International Counsellor for the Asia Society, New York; Member of the SNV International Advisory Board, and the President of Maha Bodhi Society of India.



### **Peter A. Victor**

Is an economist who has worked on environmental issues for over 40 years as an academic, consultant and public servant. By extending input-output analysis, he was the first economist to apply the physical law of the conservation of matter to the empirical analysis of a national economy.

Dr. Victor was the first President of the Canadian Society for Ecological Economics. His most recent book is *Managing without Growth. Slower by Design, not Disaster* (Edward Elgar, 2008).





### **Mathis Wackernagel**

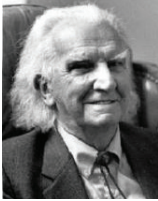
Ph.D. is co-creator of the Ecological Footprint and President of Global Footprint Network. He has promoted sustainability on six continents and lectured at more than 100 universities. Mathis is also a Visiting Professor at Cornell University, and was honored by the 2011 Zayed International Prize for the Environment, an honorary doctorate from the University of Berne in 2007, the 2007 Skoll Award for Social Entrepreneurship, the 2006 WWF Award for Conservation Merit and the 2005 Herman Daly Award of the U.S. Society for Ecological Economics. BOULDDING AWARD WINNER: 2012



### **Jochen Zeitz**

Is the CEO of the Sport & Lifestyle Group of PPR and Executive Chairman of PUMA SE after serving 18 years as Chairman and CEO at PUMA. As a contribution to the practical and transparent application of corporate social and environmental sustainability, Jochen introduced PUMAVision in 2008. In May 2011 he was the first to develop and announce an Environmental Profit & Loss Account that puts a monetary value to a businesses use of ecosystem services across the entire supply chain. Jochen also serves as Chief Sustainability Officer (CSO) at PPR. He founded the non-profit 'Zeitz Foundation of Intercultural Ecosphere Safety' in 2008. In 2010 he co-authored "Prayer, Profit and Principles - Monk and Manager in dialogue" with Anselm Grün, a Benedictine monk, discussing sustainability, prosperity, culture, values, success and responsibility.

## **KENNETH E. BOULDING MEMORIAL AWARD**



### **Kenneth E. Boulding (1910-1993)**

Was a systems thinker who integrated social theory with the natural sciences and moral philosophy. He was an eccentric critic of the dominant trends in modern scholarship. Yet he was sufficiently creative, constructive, and engaged in the scholarly community to be elected

President of the American Economics Association and American Association for the Advancement of Science. Ken and Elise Boulding, his wife and herself a renowned sociologist, were Quakers who actively contributed to international peace scholarship. Ken lived humbly, with grace, wit and laughter, and unbounded hope, and as wholly as he could, very much as he argued, in a world seriously threatened by human folly and deeply divided, then as now.

This award is given in honor of people who exemplify aspects of the special character of Kenneth E. Boulding with the hope of perpetuating his strengths among ISEE members and beyond.

### **Boulding Award Winners and ISEE2012 Keynote Speakers**

Ignacy Sachs (2010)

Mathis Wackernagel (2012)

William Rees (2012)

## CONFERENCE THEMES

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### **GREENING THE ECONOMY**

- Measuring green growth
- The energy question
- Sustainable consumption
- (Un)sustainable cities?


### **THE POLITICAL ECONOMY OF GREEN DEVELOPMENT**

- Food security: who sows? who reaps?
- The economics and politics of climate change
- Pollution and politics
- Challenges of community resource governance

### **ENVIRONMENTAL JUSTICE, ETHICS AND VALUES**

- Global agreements: is convergence possible?
- Balancing nature: people, biodiversity and resilience
- Governing environmental behaviour
- Mores and morals: toward an environmental ethic
- Political ecology and ecological conflicts

### **METHODOLOGICAL CHALLENGES**

- Feminist economics and ecological economics: can the twain meet?
  - Behavioural economics and economic behaviour: beyond homo economicus?
  - Economics and Ecology: transdisciplinary conversations
- 

## CONFERENCE INFORMATION

Below, please find general information to help you plan your participation during the 4-day Conference.

### VENUE'S ADDRESS

#### HOTEL WINDSOR GUANABARA

Av. Presidente Vargas, 392 Centro / CEP 22071 000 / Rio de Janeiro / RJ  
Brasil / Phone 55 21 2195 6000 / Fax 55 21 2223 0767  
eventos.guanabara@windsorhoteis.com.br

### REGISTRATION HOURS

All congress materials and documentation are available at the registration desk. On-site registration/payment and material collection will be possible during opening hours below.

Registration Desk is located at the Foyer of the Velasquez Hall on the 5th Floor.

June 16th - 8:00 - 17:00

June 17th and 18th - 8:00 - 18:00

June 19th - 8:00 - 17:00

### OFFICIAL LANGUAGE

The official language of the Conference is English.

### BADGES

All participants will be issued with name badges which must be worn during the Conference to facilitate identification and to allow admission to the sessions. Name badges are not transferable under any circumstances and only badge holders will be admitted to the sessions. Lost name badges can be replaced at the registration desk at a fee of R\$500,00 (Five hundred reais)

Remember - NO BADGE NO ENTRY!

### MEETING ROOMS

The Conference activities will be distributed among 2 buildings of the hotel, as follows:

The Annex Building - 3 floors:

- 5th floor (Velasquez Hall + Registration Area) - Main auditorium
- 4th floor (El Greco Hall, Goya Hall, Salvador Dali Hall) - Poster area, partners' exhibits.
- 3rd floor (Djanira, Volpi, Scliar, Pancetti) - There is a catwalk from the Restaurant to the elevator to access the main building.

The Main Building - 3 floors:

- 4th floor - Guanabara Halls (6 meeting rooms)
- 3rd floor - Madrid Halls (6 meeting rooms)
- 2nd floor - Restaurant only - There is a catwalk on the way back from the Restaurant to access the Annex building.

### **COFFEE BREAK**

Will be served on all above mentioned floors (except in the area of the Velasquez Hall on the 5th Floor).

### **POSTERS SESSIONS**

Posters are displayed in the exhibition area in Goya and El Greco Hall on the 4th floor of the Annex Building. Each poster board is marked with the number assigned to each abstract, which can be found in the abstract and/or program book. Authors are requested to affix their posters at the number assigned to them (as listed in the program) on the morning of their designated date of presentation between 9:00 and 12:00 pm. All posters must be removed at the end of the day of the poster session, but no later than 18:00h. Posters not removed by this time will be dismantled by the Congress staff and may be claimed from the poster attendant. The Conference assumes no responsibilities for the condition of posters not removed by the presenter. All posters not collected by 18:00h on Tuesday, June,19, will be disposed of.

Abstracts of poster presentations are published in the CD-ROM of Abstracts and Full Papers, which is a supplement to the Conference Material and also available on line.

### **INTERNET ACCESS**

Please note that due to logistical issues, Hotel Windsor Guanabara does not have wireless internet yet and we believe this service will not be available on time for the Conference.


Therefore, we would like to kindly ask you to use these services at the Business Center on the Hotel third floor. This facility is not included in the registration rate.

### **AV EQUIPMENT AVAILABLE**

An LCD projector and laptop for MS Powerpoint presentations are provided in all meeting rooms. All speakers are requested to take their presentations on CD/USB stick to the speakers center in each room allocated for presentation. All presentations must be received as early as possible but no later than one hour before the presentation.

Please use the meeting room laptop computer rather than your personal computer for your presentation. A technician will be available to assist the speakers. Any questions regarding presentations should be directed to the Registration Desk (5th Floor) to be solved by Abstract Management. All meeting rooms will have audio as well as video equipment, except the small meeting rooms in the Main Building, with capacity for 40-50 people, in which only video projection equipment will be provided.

## SOCIAL PROGRAMME

- Saturday 16 June 2012: **Welcome Reception** at Velasquez Hall, after the opening Ceremony (offered by Banco Santander). 
- Sunday 17 June 2012: **Publishers Reception** (Upon Invitation from Elsevier Press). Transportation will be provided. **ELSEVIER**
- Monday 18 June 2012: **Gala Dinner** (Tickets Only) at O Navegador Restaurant.

### GALA DINNER

June 18th (tickets only - Navy Club).

The Gala Dinner will be held in the lovely historic downtown Navy Club, close by the baroque style Municipal Opera House. You will have the opportunity to appreciate the delightful atmosphere among renowned keynote speakers while you sample a typical Brazilian menu and drinks. The Navy Club is a member of the Maniva Institute (<http://www.onavegador.com.br/>) and carries out sustainable food service, including such actions as Waste Recycling, Oil separation, and 100% organic salads served. In the Navegador Restaurant, the focus is on good food and Brazilian cuisine.

Please note that you must hold a ticket or guest invitation to board the transportation from the conference facility, as well as to enter the Navegador Restaurant itself. Pick up time...assemble outside the Guanabara Hotel by 19h30. Don't be late!

**DRESS CODE:** Due to the Restaurant's policy both men and women may attend the restaurant only with their legs fully covered.



Navy Club building located in Downtown of Rio de Janeiro

## REGISTRATIONS

All pre-registered participants are entitled the Pre-Conference Short Course on Economics and Policy of Climate Change in Brazil on 16th June in Salvador Dali Hall, as well as the Pre-Conference Workshop on Experimental Methods in Social Ecological Systems in Scliar Hall.

### ONSITE Registrations Rates for ISEE2012 Conference:

<b>ISEE2012 CONFERENCE FEES</b>	<b>On site Registration (16-19 June)</b>	<b>One day Registration (17/18/19 June)</b>
ISEE Members	R\$ 866,00	R\$ 433,00
ISEE Members Non OECD Residents	R\$ 495,00	R\$ 247,50
Non Members	R\$ 990,00	R\$ 495,00
Non Members Non OECD Residents	R\$ 619,00	R\$ 309,50
Students	R\$ 495,00	R\$ 247,50
Press (for holders of press credentials)	R\$ 280,00	R\$ 140,00
Accompanying person	R\$ 495,00	R\$ 247,50

### ISEE2012 Conference Currency

The official currency at the ISEE2012 Conference is the Brazilian Real.

Please note that cash payments will only be accepted in this currency.

## NOTES

1. Students have to provide a membership or student document when registering. If the delegate who has registered as a Student does not provide a valid membership/student pass, or proof of residence in a Non-OECD nation, regular fee will be charged.

2. Please note that registrations can only be accepted and confirmed upon receipt of full payment.

3. Payments may be made by credit card (VISA, MasterCard or American Express).

**4. We only guarantee conference materials for pre registrations (before 30 April).**

5. Press:

Press representatives must provide a press identification card or letter from the editor to email: [jessica.paschoal@mci-group.com](mailto:jessica.paschoal@mci-group.com), with participant details

6. Accompanying person:

- The participant must register his/her accompanying person on site.
- We suggest to get in touch with Blumar - the Official Travel Agency - at [www.blumar.com.br/isee2012](http://www.blumar.com.br/isee2012) to get information about special tours and special programs with better conditions!

7. Gala Dinner - At Club Naval on June 18th:

- We have limited places per participant.
- Pre-registration will ensure that your ticket will be ready on arrival.
- Booked on a first-come, first- served basis.
- Reservation is not considered complete until payment is received.
- Shuttle service will be provided.

## REGISTRATION FEE INCLUDES FOR PARTICIPANTS

- Admission to all Scientific Sessions.
- Admission to the Poster Exhibition.
- Conference materials (conference bag, final program, CD-ROM with abstracts and full papers, badge).
- Certificate of attendance.
- Coffee breaks.

**PLEASE NOTE THAT ONE DAY REGISTRATION CATEGORY INCLUDES ONLY ONE DAY ADMISSION.**



## **FOR PRESS/ACCOMPANYING/GALA DINNER**

### **Press representatives will be provided with the following:**

Badge / session admission / coffee breaks / press package (conference programme, information about the ISEE, possibilities to interview keynote speakers) / poster exhibition / stands.

### **Accompanying persons will be provided with the following:**

Badge / coffee breaks / inaugural ceremony / welcome reception / poster exhibition / stands.

## **CERTIFICATES**

### **Invited Speakers**

Will be available in the meeting rooms, after each sessions.

### **Keynotes / Attendance (participants)**

Provided on line upon completion of an evaluation of Conference by participant.

## **TRAVEL AGENCY**

Skype: [isee2012@blumar.com.br](mailto:isee2012@blumar.com.br)

Direct Phone: +55 21 3216 9238

Av. Borges de Medeiros 633 - Sala 405 a 408 - Leblon - Rio de Janeiro  
Brasil - 22430-041

[www.blumar.com.br](http://www.blumar.com.br) - phone: +55 21 2142 9300

### **Important**

Accommodation options are at the discretion of Conference participants. We emphasize that we are not responsible for any problems that may occur during your stay, if you made reservations at hotels other than those provided by Blumar Travel Agency, official Travel Agency of the Conference.

## **TRAVELLING INFORMATION**

Rio de Janeiro is the most visited city in the southern hemisphere and is known for its natural settings, carnival celebrations, samba, Bossa Nova and beaches. Some of the most famous landmarks in addition to the beaches include the giant statue of Christ the Redeemer (Cristo Redentor); Sugarloaf mountain (Pão de Açúcar) with its cable car; the Sambódromo a permanent grandstand-lined parade avenue which is used during Carnival; and Maracanã Stadium, one of the world's largest football stadiums.

## RESTAURANTS “BY THE KILO” NEAR THE WINDSOR GUANABARA HOTEL



- A - Recantos da Quitanda, Rua Quitanda, 186
- B - Restaurante Festival, Rua Alfândega, 69
- C - Sobradinho da Sachet, Travessa Ouvidor, 36
- D - Restaurante Plus, Rua Buenos Aires, 87
- E - Restaurante Menina das Flores, Rua Buenos Aires, 104
- F - Ondas Grill, Travessa Ouvidor, 10
- G - Av. Presidente Vargas, 542

### Restaurants near the Windsor Guanabara Hotel

Lunch “by the kilo” (at around R\$ 40/kg) is available in numerous eating establishments in Rio, and the area near the conference facility is no exception. Some of those nearby are indicated on the map above. However please note that lunch is not available in many restaurants in downtown Rio on Sunday. The Windsor Guanabara Hotel has a lunch buffet available.

## MEDICAL SERVICES

Rio de Janeiro and Brazil have a number of internationally respected hospitals, clinics and doctors, but treatment is costly, so visitors are strongly advised to take out medical trip insurance.

**An ambulance will be parked on the ground floor of the Convention Center during the period of the event.**

The Congress Organization is not liable for any health problems, personal accidents, lost baggage or cancellation of travel arrangements, flights, etc. We recommend that participants provide their own insurance policies.

## **FOOD & DRINKS**

The most common dishes feature various meats, rice and the ubiquitous Brazilian black beans (feijão), while restaurants many times offer all-you-can-eat barbecues and buffets.

Many kinds of alcoholic drinks are available, including excellent lager style beers such as Antarctica, Brahma, Cerpa and Skol. The most popular local beverage is Cachaça, most commonly served as 'Caipirinha' with slices of lime or lemon. There are no restrictions on licensing hours. Soft drinks include Guarana (a carbonated cola-like drink, made from the Amazon fruit, guarana) and many varieties of fruit juices (sucos).

Brazilian coffee tends to be served less strong than Italian coffee, so if stronger coffee is desired, request espresso coffee (café expresso). If you would like to avoid sugar in juices or coffee, you should specifically request that it not be added.

## **CLIMATE AND CLOTHING**

Rio's climate is tropical and light clothing is recommended as the average temperature is 22°. Evenings are cool, as June is a Winter month in Rio.

## **ELECTRIC CURRENT**

The electric current is 110V/60Hz. However Windsor Barra Hotel offers 110V and 220V outlets. Please check with your hotel before using your electric appliances and if necessary, ask for a transformer or adaptor at the reception desk.

## **FOREIGN EXCHANGE**

The Brazilian monetary unit is the Real (R\$). Exchange rates are published daily in the newspaper. Cash and traveler checks, especially US Dollars (USD), can be exchanged at most banks, exchange houses and major hotels.

- Bank notes (paper money) are in denominations of R\$ 100, R\$ 50, R\$ 10, R\$ 5, R\$ 1.
- Coins are 1.00 real, 50 centavos (cents), 25 centavos, 10 centavos and 5 centavos.
- Banking Hours - 10:00-16:00 Monday to Friday.

## **GROUND TRANSPORTATION**

Taxis - Rio's extensive taxi fleet includes yellow metered cabs and special taxis which are operated by licensed companies and can be found at hotels or booked by phone. There is a taxi office in the airport concierge and the fare should be set in advance. We strongly advise against using non-official taxi drivers.

## TIPPING

In most restaurants and bars, a 10% service fee is added to the bill. More sophisticated places may add 15%. If service is not included, it will be stated at the bottom of the bill: "*Serviço não incluído*".

**Airport and hotel porters:** The Real equivalent of a US\$ 1.00 rate per suitcase is usual.

**Hotels:** Hotels generally include any service charge on the bill.

**Restaurants:** Tips are discretionary, but often found on the final bills as a "suggestion." In Brazil, a typical tip remains 10%.

**Taxis:** Tips are not expected by taxi drivers although most passengers will round the fare up if satisfied with the service

## SAFETY PRECAUTIONS

As in most places, it is advisable to take the following precautions while in Rio:

- Do not leave luggage or valuables unattended.
- Use the safety deposit boxes provided by most hotels.
- Carry only the cash, credit cards and identification that you need.



## PROGRAM

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## SCHEDULE

	SATURDAY 16 June 2012	SUNDAY 17 June 2012	MONDAY 18 June 2012	TUESDAY 19 June 2012
9:00 - 10:30		<b>Parallel sessions</b> (Panels, Oral Presentation and Round-tables)	<b>Parallel sessions</b> (Panels, Oral Presentation and Round-tables)	<b>Parallel sessions</b> (Panels, Oral Presentation and Round-tables)
10:30 - 11:00		Coffee Break	Coffee Break	Coffee Break
11:00 - 12:30		<b>Plenary 1</b> Glenn-Marie Lange / Peter Victor	<b>Plenary 2</b> TEEB and the Future	<b>Plenary 4</b> Gus Speth / Nicholas Stern
12:30 - 13:30		Lunch Break	Lunch Break	Lunch Break
13:30 - 15:00		<b>Parallel sessions</b> (Panels, Oral Presentation and Round-tables)	<b>Parallel sessions</b> (Panels, Oral Presentation and Round-tables)	<b>Parallel sessions</b> (Panels, Oral Presentation and Round-tables)
15:00 - 15:15		Coffee Break	Coffee Break	Coffee Break
15:30 - 16:45		<b>Roundtables and Posters</b>	<b>Plenary 3</b> Sunita Narain / Nnimmo Bassey	<b>Plenary 5</b> Herman Daly / Ignacy Sachs
16:45 - 18:45	<b>Opening Plenary</b> Cristovam Buarque / Yolanda Kakebadse	<b>Presidential Address &amp; Past Presidents' Panel</b>	<b>Business Meeting &amp; Author celebration</b>	<b>Ministerial Panel</b> Jigmi Thinley, Bhutan / Francisco Gaetani, Brazil
Evening 18:45 onwards	<b>Welcome reception</b>	<b>Publisher's reception</b> (Upon invitation)	<b>Dinner reception</b> (Tickets only)	<b>Closing thanks</b>

## KEYNOTE PROGRAM

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Unless otherwise noted, all Plenary sessions  
are in Velasquez Hall

### SATURDAY, June 16

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- Inaugural Ceremony 16:30 - 18:00

#### OPENING TABLE

- Bina Agarwal - President, ISEE
- Peter May - Chairman, ISEE2012 Organizing Committee
- Paulo Mibielli - President, ECOECO
- Ana Célia Castro - Coordinator, INCT-PPED
- Pushpam Kumar - Chief, Ecosystems Services Economics Unit, UNEP-DEPI
- Juan Manuel Hoyos - Executive Vice-President, Santander;
- Sergio Besserman Vianna - City of Rio de Janeiro
- Marilene Ramos - INEA/RJ

#### Invited:

- Luciano Coutinho - President, BNDES
- Izabella Teixeira - Minister of Environment

#### INAUGURAL KEYNOTES

**Chair:** Clóvis Cavalcanti - President of Honor, ECOECO, Brazil

- Yolanda Kakabadse - WWF

**“GREEN ECONOMY: MEASURE WHAT WE TREASURE”**

- Senator Cristovam Buarque - Brazil

**“THE SUSTAINABILITY OF ‘SUSTAINABILITY’ ”**

Entertainment - “Cacala”

Cocktails

## SUNDAY, June 17

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### ● Plenary 11:00 - 12:30

**Chair:** Paulo Mibielli Carvalho - President, ECOECO, Rio de Janeiro

- Peter Victor - York University, Canada

**“TOWARDS AN ECOLOGICAL MACROECONOMICS”**

- Glenn-Marie Lange - World Bank, WAVES

**“WEALTH ACCOUNTING AND ENVIRONMENTAL SERVICES”**

### ● Plenary 16:45

#### **PRESIDENTIAL ADDRESS**

**Chair:** John Gowdy - Rensselaer Polytechnic Institute, NY, USA

- Bina Agarwal - President, ISEE

**“GREENING RURAL ECONOMIES: The imperatives of choice, cooperation and gender inclusion”**

### ● Plenary 17:55

#### **PAST PRESIDENTS PANEL**

#### **OPPORTUNITIES AND CHALLENGES FOR ECOLOGICAL ECONOMICS AT RIO+20**

**Chair:** Bina Agarwal - IEG, Delhi, India

- Robert Costanza - Portland State University, USA
- Joan Martinez-Alier - Autonomous University of Barcelona, Spain
- John Gowdy - Rensselaer Polytechnic Institute, NY, USA
- Peter May - Federal Rural University, Rio de Janeiro, Brazil



## MONDAY, June 18

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### ● Plenary 11:00

**Chair:** Peter May - CPDA/UFRRJ and INCT-PPED, Rio de Janeiro, Brazil  
**"TEEB AND THE FUTURE"**

- Pavan Sukhdev - GIST, Delhi, India
- Bráulio Dias - Executive Secretary, CDB, Montreal, Canada
- Jochen Zeitz - Executive Chairman, Puma SE, Germany

### ● Plenary 15:15

**Chair:** Joan Martínez-Alier - Autonomous University of Barcelona, Spain

• Sunita Narain - Institute for Science and Environment, Delhi, India  
**"THE GREEN ECONOMY THAT MATTERS TO THE SOUTH"**

• Nimmo Bassey - Friends of the Earth International, Nigeria  
**"THE GREEN IN THE GREEN ECONOMY"**

### ● GALA DINNER 19:30 - Clube Naval (tickets available)

## TUESDAY, June 19

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### ● Plenary 11:00

**Chair:** Bina Agarwal - President, ISEE; IEG, Delhi, India

• Gustave Speth - University of Vermont, USA

**“TOWARDS A NEW POLITICAL ECONOMY, AND WHY GREENING-UP ISN’T ENOUGH”**

• Nicholas Stern - Grantham Centre, LSE, UK

**“CLIMATE CHANGE, TRANSFORMATION, GROWTH AND EQUITY”**

### ● Plenary 13:30

**Chair:** José Eli da Veiga - USP, Brazil

• Herman Daly - University of Maryland

**“ECOLOGICAL ECONOMICS AND THE GREEN ECONOMY”** (video)

• Ignacy Sachs - EHESS, Paris, France

**“THE RETURN OF THE VISIBLE HAND”**

### ● Plenary 15:15

#### **BOULDING AWARD LECTURES**

**Chair:** Luciana Togeiro de Almeida - Boulding Award Committee, Past President, ECOECO, Brazil

• William Rees - University of British Columbia, Canada

**“CARRYING CAPACITY, COGNITION AND COLLAPSE”**

• Mathis Wackernagel - Global Footprint Network, California, USA

**“FACING THE GLOBAL AUCTION: A CUT-THROAT BUSINESS CASE FOR THE GREEN ECONOMY”**

● **Plenary 16:45**

**Chair:** Robert Costanza - Portland State University, USA

● Jigmi Thinley - Prime Minister, Kingdom of Bhutan

**“WELL-BEING AND HAPPINESS: DEFINING A NEW ECONOMIC PARADIGM”**

● Francisco Gaetani - Executive Secretary, Ministry of the Environment, Brazil

**“BRAZILIAN ECONOMIC GROWTH AND THE ENVIRONMENT”**

● Joshua Farley - University of Vermont, USA

**Comments**

● **CLOSING THANKS**

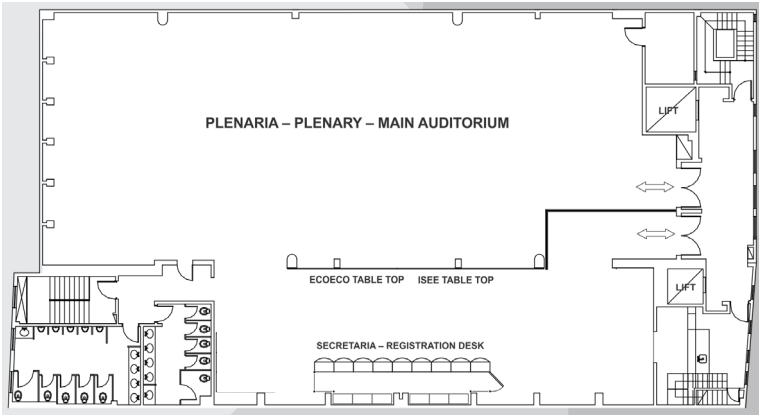
Bina Agarwal, Peter May and Paulo Mibielli



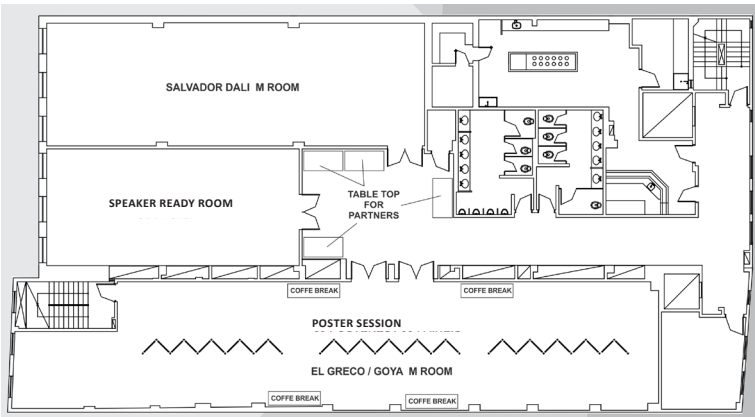
## MEETING ROOMS ACTIVITIES ( FLOOR PLANS)

Annex building - 3 floors:

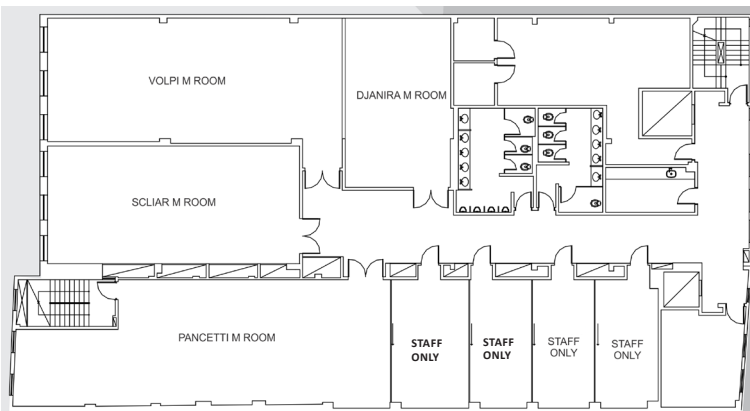
5th floor - Velasquez Hall + Registration Area - Main auditorium



4th floor - Salvador Dali Hall - El Greco and Goya Halls - Posteres area, partners exhibition



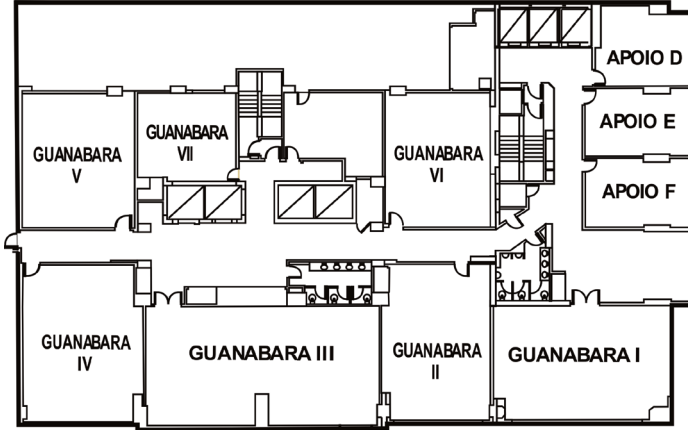
3rd floor - Volpi Hall - Djanira Hall - Scliar Hall - Pancetti Hall



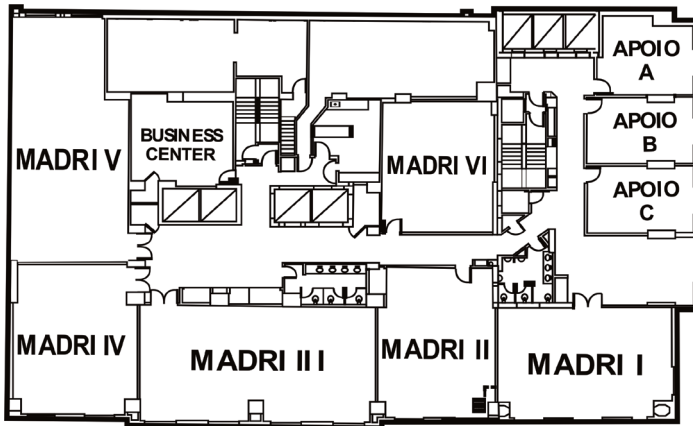
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**Main Building - 3 floors:**

**4th floor - Guanabara meeting rooms**



**3rd floor - Madrid meeting rooms**



**2nd floor - Restaurant only** - There is a catwalk on the way back from the Restaurant to access the Annex building.

# MEETING ROOM SCHEDULE

ANNEX BUILDING - MEETING ROOMS  
June 16 - Saturday

HALLS	5th floor		4th floor			3rd floor			
	Velasquez	El Greco	Goya	Miró	Salvador Dali	Scliar	Djanira	Volpi	Pancetti
09:00 - 10:30		Regional Society Meeting	ECOECO Meeting	Argentina-Uruguay Meeting	Regional Society Meeting	Workshop Experimental Methods SES		Regional Society Meeting	EJOLT Project Meeting
11:00 - 12:30							Board Meeting ISEE		
12:30 - 13:30	LUNCH BREAK (NOT OFFERED BY THE CONFERENCE)								
13:30 - 15:00		Mounting Panels and Stands			Climate Change in Brazil (IPEA Short Course) <b>14:00 - 16:30</b>	Workshop Experimental Methods SES	Board Meeting ISEE	Regional Council	EJOLT Project Meeting
15:00 - 15:15							Board members participate to Regional Council		
15:15 - 16:45									
16:30 - 18:30	<b>Opening Ceremony -</b> Clovis Cavalcanti (Chair) Yolanda Kakabadse / Senator Christovam Buarque								
COCKTAIL (Velasquez)									

ANNEX BUILDING - MEETING ROOMS

June 17 - Sunday

5th floor		4th floor		3rd floor					
HALLS	<b>Velasquez</b>	<b>El Greco</b>	<b>Goya</b>	<b>Miró</b>	<b>Salvador Dali</b>	<b>Scliar</b>	<b>Djanira</b>	<b>Volpi</b>	<b>Pancetti</b>
09:00 - 10:30		Poster		Speaker Ready Room	EJOLT Panel 1	Climate Change in India	ISEE Board Room	Policymix Panel 1	PES Panel 1
10:30 - 11:00									
COFFEE BREAK									
11:00 - 12:30	<b>Plenary 1</b> Paulo Mibieli (Chair) Glen Marie Lange / Peter Victor	Poster		Speaker Ready Room			ISEE Board Room		
12:30 - 13:30									
13:30 - 15:00	Feminist Economics and Ecological Economics	Poster		Speaker Ready Room	EJOLT Panel 2	UNRISD	ISEE Board Room	Policymix Panel 2	Green Accounting
15:00 - 15:15									
COFFEE BREAK									
15:15 - 16:45	Elsevier Author Workshop	Poster		Speaker Ready Room	EJOLT Film Series	ES in Vineyards and CC	ISEE Board Room	Policymix Panel 3	PES Panel 2
16:45 - 18:30	Presidential Address / Past Presidents Panel								
18:30 - 20:00									
Publisher's reception (upon invitation) Albamar Restaurant									

MAIN HOTEL BUILDING - MEETING ROOMS  
June 17 - Sunday

		4th floor						3rd floor					
HALLS	Madrid I	Madrid II	Madrid III	Madrid IV	Madrid V	Madrid VI	Guanabara I	Guanabara II	Guanabara III	Guanabara IV	Guanabara V	Guanabara VI	
09:00 - 10:30	Session 1	Session 2	Session 3	Session 4	Session 5	Session 6	Session 55	Session 56	Session 57	Session 58	Session 59		
10:30 - 11:00	COFFEE BREAK												
11:00 - 12:30	Plenary 1 in Velasquez hall												
12:30 - 13:30	LUNCH BREAK												
13:30 - 15:00	Session 7	Session 8	Session 9	Session 10	Session 11	Session 12	Session 60	Session 61	Session 62	Session 63	Session 64		
15:00 - 15:15	COFFEE BREAK												
15:15 - 16:45	Session 13	Session 14	Session 15	Session 16	Session 17	Session 18	Session 65	Session 66	Session 67	Session 68	Session 69		
16:45 - 18:45	Presidential Address in Velasquez hall												



ANNEX BUILDING - MEETING ROOMS

June 18 - Monday

HALLS	5th floor		4th floor		3rd floor				
	Velasquez	El Greco	Goya	Miró	Salvador Dali	Scliar	Djanira	Volpi	Pancetti
09:00 - 10:30	TEEB 1 BES and Banks	Poster	Speaker Ready Room	ENGOV Panel	Inter-regional I-O Models	ISEE Board Room	Field Experiments SES	CIFOR C-2 Amazonia REDD	
10:30 - 11:00	COFFEE BREAK								
11:00 - 12:30	Plenary 2 (TEEB Session 2) Peter May (Chair) Pavan Sukhdev, Bráulio Dias, Jochen Zeitz	Poster	Speaker Ready Room			ISEE Board Room			
12:30 - 13:30	LUNCH BREAK								
13:30 - 15:00	TEEB National Technical Session 3	Poster	Speaker Ready Room	PES / Forest Code RTbl	Accounting for Biodivers. I	ISEE Board Room	Gender and Development	CIFOR C-1 Panel 1	
15:00 - 15:15	COFFEE BREAK								
15:15 - 16:45	TEEB Wrapup Panel 4	Poster	Speaker Ready Room	Plenary 3 Joan Martinez-Alier (Chair) Sunita Narain / Nhimmo Bassey	FAS Panel on Bolsa Floresta	ISEE Board Room	Green Economy under Trial	CIFOR C-1 Panel 2	
16:45 - 18:45	ISEE Business Meeting / Book Launches								
19:30 - 22:00	Gala Dinner - Clube Naval								

MAIN HOTEL BUILDING - MEETING ROOMS  
June 18 - Monday

		4th floor						3rd floor					
HALLS		Madrid I	Madrid II	Madrid III	Madrid IV	Madrid V	Madrid VI	Guanabara I	Guanabara II	Guanabara III	Guanabara IV	Guanabara V	Guanabara VI
09:00 - 10:30	Session 19	Session 20	Session 21	Session 22	Session 23	Session 24	Session 70	Session 71	Session 72	Session 73	Session 74	Session 75	Session 76
10:30 - 11:00	COFFEE BREAK												
11:00 - 12:30	Plenary 2 in Velasquez hall												
12:30 - 13:30	LUNCH BREAK												
13:30 - 15:00	Session 25	Session 26	Session 27	Session 28	Session 29	Session 30	Session 75	Session 76	Session 77	Session 78	Session 79	Session 80	Session 81
15:00 - 15:15	COFFEE BREAK												
15:15 - 16:45	Session 31	Common Property Fisheries-1	Session 34	Session 35	Session 36	Session 80	Session 81	Session 82	Session 83	Session 84	Session 85	Session 86	Session 87
16:45 - 18:45													

ANNEX BUILDING - MEETING ROOMS

June 19 - Tuesday

5th floor		4th floor		3rd floor					
HALLS	Velasquez	El Greco	Goya	Miró	Salvador Dali	Sciar	Djanira	Volpi	Pancetti
09:00 - 10:30		Poster		Speaker Ready Room	Amazon Valuation	Common Property Fisheries 2	ISEE Board Room	Accounting for Biodivers. II	
10:30 - 11:00		COFFEE BREAK							
11:00 - 12:30	<b>Plenary 4</b> Bina Agarwal (Chair) Gustave Speth / Nicholas Stern	Poster		Speaker Ready Room			ISEE Board Room		
12:30 - 13:30		LUNCH BREAK							
13:30 - 15:00	<b>Plenary 5</b> José Eli da Veiga (Chair) Herman Daly / Ignacy Sachs	Poster		Speaker Ready Room	Ecological Macroeconomics		ISEE Board Room	Emerging Economies	Economic Man & Woman
15:00 - 15:15		COFFEE BREAK							
15:15 - 16:45	<b>Plenary 6</b> Luciana Togeiro (Chair) Mathis Wackernagel / William Rees <b>Plenary 7</b> Bob Costanza (Chair) HPM Thinley / Francisco Gaetani	Poster		Speaker Ready Room	TEEB WAVES Panel 4		ISEE Board Room	Emerging Economies Rio Letter	
16:45 - 18:45									

MAIN HOTEL BUILDING - MEETING ROOMS  
June 19 - Tuesday

		4th floor						3rd floor					
HALLS		Madrid I	Madrid II	Madrid III	Madrid IV	Madrid V	Madrid VI	Guanabara I	Guanabara II	Guanabara III	Guanabara IV	Guanabara V	Guanabara VI
09:00 - 10:30		Session 37	Session 38	Session 39	Session 40	Session 41	Session 42	Session 85					
10:30 - 11:00		COFFEE BREAK											
11:00 - 12:30		Plenary 4 in Velasquez hall											
12:30 - 13:30		LUNCH BREAK											
13:30 - 15:00		Session 43	Session 44	Session 45	Session 46	Session 47	Session 48						
15:00 - 15:15		COFFEE BREAK											
15:15 - 16:45		Session 49	Session 50	Session 51	Session 52	Session 53	Session 54						
16:45 - 18:45													

## SPECIAL PANELS AND ROUND-TABLE SESSIONS

### SATURDAY, JUNE 16

● Scliar Hall

9:00 - 12:30 / 13:30 - 16:30

#### PRE-CONFERENCE WORKSHOP

#### “DESIGNING A FIELD EXPERIMENT FOR THE STUDY OF SOCIO-ECOLOGICAL SYSTEMS”

- Juan Cardenas (Universidad de los Andes, Colombia)
- Jim Murphy (University of Alaska) - instructors

● Salvador Dali Hall

14:00 - 16:30

#### SHORT COURSE

#### ECONOMICS AND POLICIES OF CLIMATE CHANGE IN BRAZIL: KNOWLEDGE, ACHIEVEMENTS AND CHALLENGES

Presentation of books “Climate Change in Brazil: Economic, Social and Regulatory Aspects” and “The Economics of Climate Change in Brazil: Costs and Opportunities”

#### Panelists

- Ronaldo Seroa da Motta, Ipea
- Jorge Hargrave, Ipea
- Carolina Dubeux, Coppe/UFRJ
- Sergio Margulis, Ministry of Environment (MMA)

● “The national policy on climate change: regulatory and governance aspects”

● “Climate change and the Brazilian agriculture: impacts and adaptation”

#### Panelists

- Ronaldo Seroa da Motta, Ipea
- José Gustavo Féres, Ipea

● “Sustainability of biofuel production in Brazil”

● “Macroeconomic impacts of climate change”

● “Forest and Biodiversity”

#### Panelists

- Emilio La Rovere, Coppe/UFRJ
- Carlos Roberto Azzoni - School of Economics, Business and Accounting at the University of São Paulo (FEA-USP) - to be confirmed
- Bernardo Strassburg (IIS - International Institute for Sustainability)

#### OPEN DISCUSSION

## SUNDAY, JUNE 17

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● Salvador Dali Hall

9:00 - 10:30

### SPECIAL PANEL

### CHALLENGING THE GREEN ECONOMY: EVIDENCES FROM THE EJOLT PROJECT

#### Coordinators

- Beatriz Rodriguez-Labajos
- Joan Martinez-Alier
- Leah Temper (Institut de Ciència i Tecnologia Ambiental, Universitat Autònoma de Barcelona (ICTA-UAB))

Corresponding coordinator: Beatriz Rodriguez Labajos

#### **“Science and activism in uranium mining conflicts. Lessons from Africa and Brazil”**

Marta Conde Puigmal<sup>1</sup>, Bruno Chareyron<sup>2</sup>, Marcelo Firpo<sup>3</sup>, Renan Finamore<sup>3</sup>, Bertchen Khors<sup>4</sup>, Hilma Mote<sup>5</sup>

1 ICTA-UAB, 2 Commission de Recherche et d'Information Indépendantes sur la Radioactivité (CRIIRAD), 3Fundação Oswaldo Cruz (FIOCRUZ), 4 Earthlife, 5 Labour Resource and Research Institute (LaRRI)

Presenting author: Marta Conde

#### **“Clean Development Mechanism report on 8 African cases”**

Patrick Bond, Khadija Sharife, Baruti B. Amisi, Fidelis Allen, Ruth Castel-Branco

Centre for Civil Society - University of KwaZulu-Natal (CCS-UKZN)

Presenting author: Patrick Bond

#### **“A global overview of industrial tree plantation conflicts”**

Winnie Overbeek (World Rainforest Movement)

#### **“Who has the power to determine what is green? Lessons from waste disposal conflicts in India”**

Federico Demaria<sup>1</sup>, Gopal Krishna<sup>2</sup>, Shashi Bushan Pandit<sup>3</sup>

1 ICTA- UAB, 2 Toxics Watch Alliance, 3 All India Kabadi Mazdoor Mahasangh (AIKMM)

Presenting author: Federico Demaria

**“Large-scale gold mining: National natural resources treated as private assets with public environmental impacts”**

Robert E. Moran (Michael-Moran Assoc., LLC)

● Salvador Dali Hall

13:30 - 15:45

**SPECIAL PANEL**

**MAPPING ENVIRONMENTAL JUSTICE - INVENTORIES AND REFLECTIONS ON ENVIRONMENTAL CONFLICTS FROM THE EJOLT PROJECT**

**Coordinators**

- Leah Temper
- Joan Martinez-Alier
- Beatriz Rodriguez-Labajos (ICTA-UAB)

Corresponding coordinator: Joan Martinez-Alier

**“The EJOLT Map”**

Leah Temper (ICTA-UAB), Christoph Plutzer (IFF), Joan Martinez-Alier (ICTA-UAB), Bea Rodriguez-Labajos (ICTA-UAB)

Presenting author: Leah Temper

**“Map of Conflicts and Environmental Injustice and Health in Brazil”**

Marcelo Firpo Porto, Tania Pacheco, Diogo Rocha (FIOCRUZ)

Presenting author: Marcelo Firpo

**“Teaching Ecological Economics With EJOs: A New Book And Electronic Course”**

Hali Healy (King's College, London), J. Martinez-Alier (ICTA UAB), M. Walter (ICTA, UAB), L. Temper (ICTA UAB), B. Rodriguez-Labajos (ICTA UAB), J.F. Gerber (Harvard Univ.)

Presenting author: Hali Healy

● Salvador Dali Hall

13:30 - 15:00

**SPECIAL PANEL**

**ADVANCING ENVIRONMENTAL JUSTICE: RESISTANCE, FRAMING & ACCESS TO JUSTICE IN ECOLOGICAL DISTRIBUTION CONFLICTS**

**Coordinators**

- Leah Temper
- Joan Martinez Alier
- Beatriz Rodriguez Labajos (ICTA, Autonomous University of Barcelona, Spain)

Corresponding coordinator: Leah Temper

**“Calculating Climate Debt. A Comparison and a Proposal”**

• Rikard Warlenius (Human Ecology Division, Lund University, Sweden)

**“Social Metabolism and an Ecological Political Economy: A Computable Stock-Fund Representation”**

• Deepak Malghan (Centre for Public Policy, Indian Institute of Management Bangalore, India)

**“Environmental Justice, Ethics and Values: The Interplay Of National, Transnational And International Litigation For Environmental Justice: Seeking Effective Means Of Redress For Grave Environmental Damage”**

• Antoni Pigrau; Susana Borràs; Antonio Cardesa-Salzmänn and Jordi Jaria (Universitat Rovira i Virgili, Tarragona - Spain)

Presenting author: Antonio Cardesa-Salzmänn

**“The Hijacking of Democracy and the Environment by Capital”**

Giuseppe de Marzo, Lucie Greyl (CDCA, Documentation Center for Environmental Conflict, Rome, Italy)

● Salvador Dali Hall

15:15 - 16:45

**SPECIAL SESSION**

**ECOLOGICAL DISTRIBUTION CONFLICTS FILM SESSION**

**Coordinators**

- Leah Temper
- Marta Conde (ICTA-UAB, Barcelona, Spain)

Corresponding coordinator: Leah Temper

**“Yasuni, el Buen Vivir”**

Directed by Arturo Hortas (30 min)

**“Delhi Waste Wars”**

Directed by Leah Temper (16 min)

**“Grabbing Gambela”**

Anywaraa Survival Organization, EJOLT, GRAIN, Leah Temper (8 min)

**“Is Uranium mining Good for Namibia?”**

A film directed by Marta Conde (15 min)



**SPECIAL PANEL  
CLIMATE CHANGE IN INDIA**

Panel coordinator: Prof. Bishwanath Goldar (Institute of Economic Growth, University of Delhi)

**“The impact of carbon taxes on growth, emissions and welfare in India”**

Prof. Basanta K Pradhan and Mr. Joydeep Ghosh (Institute of Economic Growth, University of Delhi)

Presenting author: Basanta K. Pradhan

**“Reduction in CO2 Emissions of Indian Manufacturing: Scope for Reduction and Likely Impact on Export Competitiveness”**

Prof. Bishwanath Goldar and Ms. Meera Bhalla (Institute of Economic Growth, University of Delhi)

Presenting author: Bishwanath Goldar

**“Awareness as an adaptation strategy for averting health risk from Heat Waves in India”**

Dr. Saudamini Das (Institute of Economic Growth, University of Delhi)

**SPECIAL SESSION  
CONSTRAINTS AND SYNERGIES BETWEEN INTERNATIONAL AND NATIONAL CONSERVATION POLICIES**

**Coordinators**

- Jukka Similä (Finnish Environment Institute (SYKE), Finland)
- Maria Fernanda Gebara (Getúlio Vargas Foundation, Brazil)

**“Governance Structures for REDD: What Will the Solutions Be?”**

Arild Vatn (Department of International Environment and Development Studies, Norwegian University of Life Sciences)

**“REDD+ Initiatives in Brazil - How Global Climate Accords are reflected on the ground?”**

Maria Fernanda Gebara<sup>1</sup>, Peter H. May<sup>2</sup>, Romulo da Rocha Sampaio<sup>3</sup>, Alice Thuault<sup>4</sup>

1 FGV/PDMA, CPDA/UFRRJ, Polycymix, CIFOR and INCT-PPED; 2 Polycymix, CPDA/UFRRJ, CIFOR and INCT-PPED; 3 FGV/PDMA, Pace University; 4 Instituto Centro de Vida

**“The Scope for Economic Instruments in EU Nature Conservation Law and Related Sectoral Policies”**

Christian Klassert and Stefan Möckel (Helmholtz Centre for Environmental Research, Leipzig, Germany)

Presenting author: Christian Kalsert

**“European State Aid Law and Economic Instruments for Biodiversity Conservation and Maintenance of Ecosystem Services”**

Elina Raitanen<sup>a</sup>, Jukka Similä<sup>b</sup>, Kristian Siikavirta<sup>c</sup>, Eeva Primmer<sup>b</sup>  
a Turku University, School of law; b Finnish Environment Institute; c Vaasa University

Presenting author: Jukka Similä

● Volpi Hall

13:30 - 15:00

**SPECIAL PANEL**

**THE ROLE OF ECONOMIC INSTRUMENTS IN THE CONSERVATION POLICYMIX**

**Coordinators**

- Rui Ferreira dos Santos, CENSE, FFCT/UNL, Portugal
- David N. Barton, NINA, Norway, Irene Ring, UFZ, Germany
- Peter May, REDES, CPDA/UFRRJ, Brazil

Corresponding coordinator: Rui Ferreira dos Santos

**“The role of voluntary forest conservation in the policymix in Norway”**

Henrik Lindhjem, David N. Barton, Stefan Blumentrath, Vegard Gundersen, Graciela M. Rusch, Anne Sverdrup-Thygeson, and Hanne Svarstad (Norwegian Institute for Nature Research (NINA), Oslo, Norway)

Presenting author: Henrik Lindhjem

**“Institutional evolution and forest owner perceptions in a policy-mix for voluntary conservation in Finland”**

Eeva Primmer, Riikka Paloniemi, Susanna Sironen, Anna Tainio, Jukka Similä, Pekka Leskinen (Finnish Environment Institute, PO Box 140, FIN-00251 Helsinki, Finland)

Presenting author: Eeva Primmer

**“The role of payments for environmental services in the policymix in Costa Rica”**

A. Chacon-Cascante<sup>1</sup>, A. Muhammad Ibrahim<sup>1</sup>, Ina Porras<sup>2</sup>  
1 Tropical Agricultural Research and Higher Education Center, 2 International Institute for Environment and Development

Presenting author: A. Chacon-Casante

**“The challenge of preserving the Atlantic Forest Biome in São Paulo (Brazil): choosing instruments for different contexts”**

Ademar Ribeiro Romeiro<sup>1</sup>, Paula Bernasconi<sup>1</sup>, Bruno Peregrina Puga<sup>1</sup>, Daniel Caixeta Andrade<sup>2</sup>, Ranulfo Paiva Sobrinho<sup>1</sup>

1 Institute of Economics at the University of Campinas, Brazil; 2 Institute of Economics at the Federal University of Uberlândia, Brazil

Presenting author: Ademar Romeiro

● Volpi Hall

15:15 - 16:45

**SPECIAL SESSION**

**THE ROLE OF ECONOMIC INSTRUMENTS IN THE CONSERVATION POLICY MIX - II**

**“The ‘Ecological’ Value Added Tax (ICMS-Ecológico) in Brazil and its effectiveness in State biodiversity conservation: a comparative analysis”**

Peter H. May<sup>1</sup>, Maria Fernanda Gebara<sup>2</sup>, Bruna Ranção Conti<sup>3</sup>, Guilherme Rodrigues Lima<sup>4</sup>

1 Redes-Policymix, CPDA/UFRRJ, INCT-PPED, Brazil; 2 Redes-Policymix, CPDA/UFRRJ, FGV, INCT-PPED, Brazil; 3 EICOS/UFRJ, INCT-PPED, Brazil; 4 IE/UFRJ, CNPq scientific initiation scholar, Brazil

Presenting author: Peter May

**“Ecological fiscal transfers in Portugal: their role and incentive in the policymix for biodiversity conservation”**

Rui Santos<sup>1</sup>, Irene Ring<sup>2</sup>, Paula Antunes<sup>1</sup>, Pedro Clemente<sup>1</sup>

1 CENSE, Center for Environmental and Sustainability Research, FFCT/UNL, Portugal; 2 UFZ, Helmholtz Centre for Environmental Research, Germany

Presenting author: Rui Santos

**“Ecological fiscal transfers in Germany and their role in the policy mix for biodiversity conservation”**

Christoph Schröter-Schlaack<sup>1</sup>, Irene Ring<sup>1</sup>, Stefan Möckel<sup>1</sup>, Christiane Schulz-Zunkel<sup>1</sup>, Nele Lienhoop<sup>1</sup>, Reinhard Klenke<sup>1</sup>, Klaus Henle<sup>1</sup> and Thomas Lenk<sup>2</sup>

1 UFZ Helmholtz Centre for Environmental Research; 2 University of Leipzig

Presenting author: Christoph Schröter-Schlaack

**“Designing intergovernmental fiscal transfers for conservation: the case of REDD+ revenue distribution to provincial and district governments in Indonesia”**

Luca Tacconi and Silvia Irawan (Australian National University, Canberra)

Presenting author: Luca Tacconi

**“Why do the functional roles of economic instruments vary across different national policymixes ? - examples from PES and EFT”**

David N. Barton<sup>1</sup>, Rui Santos<sup>2</sup>, Peter May<sup>3</sup>, Irene Ring<sup>4</sup>, Christoph Schröter-Schlaack<sup>4</sup>, Graciela M. Rusch<sup>1</sup>

1 Norwegian Institute for Nature Research (NINA), Gaustadalleen 21, N-0349 Oslo, Norway ; 2 CENSE, Center for Environmental and Sustainability Research, FFCT/UNL, Portugal; 3 Redes-Policymix, CPDA/UFRRJ, INCT-PPED, Brazil; 4 UFZ Helmholtz Centre for Environmental Research, Germany

Presenting author: David Barton

● Scliar Hall

13:30 - 15:00

**ROUND-TABLE  
FEMINIST ECONOMICS AND ECOLOGICAL ECONOMICS: CAN THE  
TWIN MEET?**

**Moderator**

● Julie Nelson, University of Massachusetts-Boston, USA

**Panelists' abstracts**

● Lynn Duggan, Indiana University Bloomington, USA

**"Feminist Economics, Emulation and Sustainability"**

● Ellie Perkins, York University, Canada

**"Feminist Ecological Economics, Sustainability, and Degrowth"**

● Sabine O'Hara, Global Ecology, LLC, USA

**"Everything Needs Care: Reflections on a New Economy"**

● Nan Wiegersma, Fitchburg State University, USA

**"Environmental Effects of Post-WWII US Women's Identification with Shopping"**

● Lulie Aslaksen, Statistics Norway

**"Accounting for the invisible? Experiences from feminist and ecological economics"**

● Bina Agarwal (invited), Director and Professor of Economics at the Institute of Economic Growth, Delhi University, India

**SPECIAL PANEL**

**THE SOCIAL DIMENSIONS OF MARKETS IN A FAIR, GREEN ECONOMY**

**Chairman**

● Peter Utting (Deputy Director, United Nations Research Institute for Social Development - UNRISD)

**“Introduction: Social Dimensions of Markets”**

Peter Utting (Deputy Director, UNRISD)

**Short video**

**‘Putting a Price on Nature: Can Markets be Green and Social?’**

**“Ecological Threats, New Promises of Sustainability, and the Evolving Political Economy of Land Use Change and Rural Development in Latin America”**

Laura Rival (Lecturer, University of Oxford)

**“The Potential and Constraints on the Payment for Ecosystem Services Markets on Aboriginal Land in Cape York Peninsula”**

Michael Winer (Cape York Institute Australia)

**SPECIAL PANEL**

**ASSESSING THE PERFORMANCE OF MARKET-BASED POLICY INSTRUMENTS FOR RECONCILING ENVIRONMENTAL PROTECTION AND RURAL DEVELOPMENT - I**

**Coordinators**

- Roldan Muradian
- Erik Gomez

Coordinator contact: Roldan Muradian

**“Implementing payments for ecosystem services in Brazil: lessons from the Oasis program”**

Carlos Eduardo Young<sup>1</sup>; Leonardo Barcellos de Bakker<sup>1</sup>; André Rocha Ferretti<sup>2</sup>; Carlos Kriek dos Santos<sup>2</sup>; Renato Atanazio<sup>2</sup>  
1 UFRJ, Rio de Janeiro, Brazil; 2 FGBPN, Curitiba, Brazil

Presenting author: Carlos Eduardo Young

**“Payment for ecosystem services as a strategy for nature conservation and mediation of environmental conflicts - a proposed methodology to**

**agreggate value for pse a program to be developed in Macaé de cima protection area, Rio de Janeiro, Brazil”**

Maria Inês Paes Ferreira; Francisco Formagini Brant; Juliana Nunes Cristo Torres; Thais Gomes Dos Santos; Haydda Manolla Chaves da Hora (IF Fluminense, Macaé, Rio de Janeiro, Brazil)

**“What explains the environmental performance of payments for watershed services? Results from a global meta-analysis of institutional-economic driving forces”**

Roy Brouwer; Abonesh Tesfaye; Pieter Pauw (Institute For Environmental Studies, Vu University, Amsterdam, Netherlands)

Presenting author: Roy Brouwer

**“Explaining the diversity of policy outcomes: institutional factors determining the performance of payments for ecosystem services”**

Erik Gomez-Baggethun<sup>1</sup>; Roldan Muradian<sup>2</sup>  
1 Autonomous University of Barcelona, Spain; 2 Radboud University Nijmegen, Netherlands

● Pancetti Hall

13:30 - 15:00

**SPECIAL PANEL**

**GREEN ACCOUNTING BEYOND GDP: A PANEL ON CRITICAL THINKING OF THE MEANING OF SUSTAINABLE SYSTEMS**

**Chair**

● Anthony Friend (Institute for Research on Innovation and Sustainability, York University, Toronto, Canada)

**“Entropy Accounting: the Metric for the Integration of the RIO Declaration with the Agenda 21”**

Anthony Friend (Institute for Research on Innovation and Sustainability, York University, Toronto, Canada)

**“The challenge of harmonising economics, ecology and ethics: A Gandhian perspective of greening the economy”**

H.M. Desarda (University of Hyderabad, India)

**“How green is our growth? - an analysis for Indian states”**

Haripriya Gundimeda (Indian Institute of Technology Bombay, Mumbai, India)

**“How useful are 'green GDP' measures without a strong socio-historical institutional apparatus? A critical political economy review of the ISEW & GPI literature”**

Andrew John Brennan (Curtin University, Perth, Australia)

**ASSESSING THE PERFORMANCE OF MARKET-BASED POLICY INSTRUMENTS FOR RECONCILING ENVIRONMENTAL PROTECTION AND RURAL DEVELOPMENT - II**

**Coordinators**

- Roldan Muradian
- Erik Gomez

Coordinator contact: Roldan Muradian

**“Ecological fiscal transfers for biodiversity conservation: options for a federal-state arrangement in Brazil”**

Rodrigo Sergio Cassola<sup>1</sup>; Irene Ring<sup>2</sup>

1 IBAMA - Brazilian Institute of Environment and Renewable Natural Resources, São Paulo, Sp, Brasil; 2 UFZ Helmholtz Centre For Environmental Research, Leipzig, Germany

Presenting author: Rodrigo Cassola

**“Which compensation for whom?”**

Pascal Gastineau<sup>1</sup>; Emmanuelle Taugourdeau<sup>2</sup>

1 Ifsttar, Lyon, France; 2 CES (Centre D'économie de la Sorbonne), Paris, France

Presenting author: Pascal Gastineau

**“Global allocation of payments for ecosystem services”**

Tobias Wünscher<sup>1</sup>; Stefanie Engel<sup>2</sup>

1 University of Bonn, Bonn, Germany 2 Swiss Federal Institute Of Technology Zurich, Zurich, Switzerland

Presenting author: Tobias Wünscher

**“Wicked environmental design problems and meta-decision models: a comparative analysis of conservation versus development valuation trade offs in Tanzania, Vietnam and Peru”**

Asim Zia (University of Vermont, Burlington, United States)

## MONDAY, JUNE 18

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### TEEB Day

● Velasquez Hall

9:00 - 10:30

#### **SESSION 1 TEEB AND THE FINANCIAL SERVICES SECTOR**

##### **Chair**

- Roland Widmer (OneAdvisory)

##### **Panelists**

- Paulo Sergio Moreira da Fonseca (Brazilian Development Bank (BNDES))
- Hugo Ferraz Penteadó (Banco Santander)
- Joachim Spangenberg (Sustainable Europe Research Institute)
- Pavan Sukhdev (GIST Advisory)

● Velasquez Hall

11:00 - 12:30

#### **SESSION 2 TEEB AND THE FUTURE**

##### **Chair**

- Peter May (CPDA/UFRRJ and ISEE, Brazil)

##### **Panelists**

- Pavan Sukhdev (GIST Advisory)
- Dr. Braulio Ferreira de Souza Dias (Convention on Biological Diversity)
- Jochen Zeitz (PPR, PUMA SE)
- Mr. Bård Vegar Solhjell (Ministry of the Environment, Norway) - tbc
- Janez Potočnik (Environment DG, European Commission) - tbc

● Velasquez Hall

13:30 - 15:00

#### **SESSION 3 TEEB NATIONAL AND SUB-NATIONAL IMPLEMENTATION**

##### **Chair**

- Irene Ring (UFZ - Helmholtz Centre for Environmental Research)



### Panelists

- Christoph Schröter-Schlaack (UFZ - Helmholtz Centre for Environmental Research)
- Helena Pavese (Conservation International)
- Julio Roma (Institute for Applied Economic Research)
- Russel Galt (ICLEI: Local Governments for Sustainability)
- Adam Tomasek (WWF)

● Velasquez Hall

15:15 - 16:45

### SESSION 4

#### NATURE AND ITS ROLE IN THE TRANSITION TOWARDS A GREEN ECONOMY

##### Chair

- Yolanda Kakabadse (WWF)

### Panelists

- Patrick ten Brink (Institute for European Environmental Policy)
- Roberto Smeraldi (Amigos da Terra Amazonia Brasileira)
- Herman Mulder (Global Compact)
- Steven Stone (United Nations Environment Programme)

● Salvador Dali Hall

15:15 - 16:45

### SPECIAL PANEL

#### ENDORING AN ECOSYSTEM SERVICE MANAGEMENT APPROACH TO VINEYARDS IN THE CONTEXT OF GLOBAL CLIMATE CHANGE: EXPERIENCES FROM A WIDE RANGE OF ENOLOGICAL REGIONS

##### Chair

- Paulo A.L.D. Nunes

##### “Climate Change, Wine and Conservation”

Lee Hannah<sup>1, 2</sup>, Patrick R. Roehrdanz<sup>2</sup>, Makihiko Ikegami<sup>2</sup>, Anderson V. Shepard<sup>2</sup>, M. Rebecca Shaw<sup>3</sup>, Gary Tabor<sup>4</sup> and Lu Zhi<sup>5</sup>

1 Conservation International, Washington, D.C.; 2 University of California, Santa Barbara; 3 Environmental Defense Fund, San Francisco; 4 Center for Large Landscape Conservation, Montana, USA; 5 Peking University Center for Nature and Society, Beijing, China

Presenting author: Patrick R. Roehrdanz

##### “Climate change impact on wine regions in Europe”

M. Moriondo<sup>1</sup>, G.V. Jones<sup>2</sup>, B. Bois<sup>3</sup>, C. Dibari<sup>4</sup>, R. Ferrise<sup>4</sup>, G. Trombi<sup>4</sup>, M. Bindi<sup>4</sup>

1 Institute of Biometeorology - National Research Council of Italy, Florence; 2 Department of Environmental Studies, Southern Oregon

University, USA; 3 Institute of the Vine and Wine “J. Guyot”, University of Burgundy, Dijon, France; 4 Department of Plant, Soil and Environmental Science, University of Florence, Italy

Presenting author: M. Moriando

**“Wine tourism in the District of Conegliano Valdobbiadene PDO”**

Luigi Galletto<sup>1</sup>, Luigino Barisan<sup>2</sup>, Federica Bianchin<sup>2</sup>, Stefano Scaggiante<sup>2</sup>  
1 Department of Land Use and Agro-Forestry Systems, University of Padua, Italy; 2 Interdepartmental Centre for Viticulture and Enology, University of Padua, Italy

Presenting author: Luigino Barisan

**“The influence of vineyards landscape on tourism flows: An application to Tuscany”**

Paulo A.L.D. Nunes<sup>1</sup>, Maria Loureiro<sup>2</sup>  
1 Department of Agricultural and Natural Resources Economics University of Padua, Italy; 2 Instituto Universitario de Estudos e Desenvolvimento de Galicia (IDEGA), Universidade de Santiago de Compostela

Presenting author: Paulo Nunes

● Scliar Hall

9:00 - 10:30

**SPECIAL PANEL**

**INTER-REGIONAL INPUT-OUTPUT ENVIRONMENTAL MODELS:  
APPLICATIONS IN THE ASIA-PACIFIC AND BRAZIL**

**Chair**

● Sergio Almeida Pacca ( University of São Paulo, School of Arts, Sciences and Humanities)

**“Change in carbon responsibility for Tokyo from 1990 to 2005: evidence from carbon accounting using inter-regional input-output environmental model”**

Shinji Kaneko<sup>1</sup>; Masaru Ichihashi<sup>2</sup>; Shobhakar Dhakal<sup>3</sup>  
1,2 Hiroshima University, Graduate School for International Development and Cooperation; 3 National Institute for Environmental Studies, Global Carbon Project (GCP)

Presenting author: Shinji Kaneko

**“Economy-wide impacts of consumer responses to environmental information disclosure in Tokyo and the other parts of Japan”**

Masaru Ichihashi; Shinji Kaneko; Satoru Komatsu (Hiroshima University, Graduate School for International Development and Cooperation)

Presenting author: Masuru Ichihashi

**“Carbon accounting of mega-cities in Asian developing countries: cases of Beijing, Shanghai and Jakarta”**

Latdhaphone Banchongphanith<sup>1</sup>, Budi Ayu Dewi<sup>2</sup>, Kaneko Kusuma<sup>3</sup>, Libo Shinji Wu<sup>4</sup>

1,3 Hiroshima University, Graduate School for International Development and Cooperation; 2 Budan Pusat Statistik Republik Indonesia; 4 School of Economics, Fudan University

Presenting author: Latdhaphone Banchongphanith

**“Assessing emission reduction targets of São Paulo state climate change policy by means of input-output multipliers”**

Camila Isaac França<sup>1</sup>; Dominique Mouette<sup>2</sup>; Sergio Almeida Pacca<sup>3</sup>

1 University of São Paulo, Institute of Electrotechnics and Energy; 2,3 University of São Paulo, School of Arts, Sciences and Humanities.

Presenting author: Sergio Pacca

**“A carbon footprint calculator based on a Brazilian customized economic-environmental input-output model”**

Sergio Almeida Pacca<sup>1</sup>; Sergio Vicente<sup>2</sup>; Chris Jones<sup>3</sup>; Peter May<sup>4</sup>

1 University of São Paulo, School of Arts, Sciences and Humanities; 2 IT independent consultant; 3 University of California, Berkeley, Energy and Resources Group; 4 Federal Rural University of Rio de Janeiro, Department of Development, Agriculture and Society

Presenting author: Sergio Pacca

● Volpi Hall

9:00 - 10:30

**SPECIAL PANEL**

**FIELD AND LAB EXPERIMENTS TO UNDERSTAND AND CHANGE SOCIO-ECOLOGICAL SYSTEMS**

**Chair**

● Juan Camilo Cardenas (Universidad de Los Andes - Colombia)

**“A field experiment on sharing in a risky environment: Evidence from Kamchatka”**

James Murphy, Lance Howe and Drew Gerkey (U. of Alaska, Anchorage, USA)

Presenting author: James Murphy

**“Behavioral spillovers from targeted incentives: when do conditional payment programs affect those not selected to participate?”**

Francisco Alpízar, Anna Nordén, Alexander Pfaff and Juan Robalino (CATIE, Costa Rica)

Presenting author: Francisco Alpízar

**“Cooperation and Collective titling: Evidence from a new property regime in the Colombian Pacific Coast”**

Maria Claudia Lopez and Maria Alejandra Vélez (Facultad de Administración, Universidad de los Andes, Colombia)

Presenting author: Maria Alejandra Vélez

**“Using and conserving a diversity of species: experiments with fishermen and mangrove forest users in the Caribbean”**

Juan Camilo Cárdenas, Jorge Luis Castañeda, Daniel Castillo, Maria Fernanda Pereira, Luz Angela Rodriguez. (Facultad de Economía, Universidad de Los Andes, Colombia)

Presenting author: Juan Camilo Cárdenas

**CIFOR GLOBAL COMPARATIVE STUDY ON REDD+**

● Pancetti Hall

9:00 - 10:30

**SPECIAL PANEL**

**A COMPARISON OF INCENTIVES STRATEGIES AND IMPACTS OF FOUR INCIPIENT REDD+ INITIATIVES IN THE BRAZILIAN AMAZON**

**Coordinator**

● Amy E. Duchelle (Center for International Forestry Research, Rio de Janeiro, Brazil)

**“Smallholder livelihoods and land use in the eastern Brazilian Amazon: lessons for REDD+ from Proambiente”**

Marina Cromberg<sup>1</sup>, Amy E. Duchelle<sup>2</sup>

1State University of Santa Catarina, Florianopolis, Brazil; 2Center for International Forestry Research, Rio de Janeiro, Brazil

Presenting author: Marina Cromberg

**“Land use, deforestation pressures and sustainability under Brazil’s Bolsa Floresta program in Amazonas”**

Riyong Kim-Bakkegaard (Center for Forest, Landscape and Management Planning, Faculty of LIFE Sciences, University of Copenhagen)

**“Analyzing possible impacts of REDD+ initiatives on the ground: lessons from São Félix do Xingu, Brazil”**

Maria Fernanda Gebara<sup>1</sup>, Amy E. Duchelle<sup>2</sup>, Giselle Monteiro<sup>3</sup>, Leonela Guimarães<sup>4</sup>

1Fundação Getúlio Vargas, Rio de Janeiro, Brazil; 2Center for International Forestry Research, Rio de Janeiro, Brazil; 3Federal University of Acre, Rio Branco, Brazil; 4 Federal University of Mato Grosso, Sinop, Brazil

Presenting author: Maria Fernanda Gebara

**“REDD+ with or without payments for environmental services? A case study from Northwestern Mato Grosso in the Brazilian Amazon”**

Raissa Guerra (School of Natural Resources and Environment, University of Florida, Gainesville, USA)

● Pancetti Hall

13:30 - 15:00

**SPECIAL PANEL**

**NATIONAL STRATEGIES FOR REDUCING EMISSIONS FROM AVOIDED DEFORESTATION AND DEGRADATION - HOW MUCH TRANSFORMATIONAL CHANGE IS POSSIBLE IN CURRENT POLITICAL AND ECONOMIC REALITIES? - I**

**Part I - An overview**

**Chair**

● Maria Brockhaus (CIFOR, Bogor, Indonesia)

**“Dead-lock or transformational change - a comparison of REDD+ politics in the media”**

Monica Di Gregorio<sup>1 2</sup>, Maria Brockhaus<sup>2</sup>, Tim Cronin<sup>2 3</sup>, Efrin Muharrom<sup>2</sup>, Levania Santoso<sup>2</sup>

1 University of Leeds, School of Earth and Environment; 2 Center for International Forestry Research (CIFOR); 3 WWF - Australia

Presenting author: Monica Di Gregorio

**“Land Tenure and REDD+: The good, the bad and the ugly”**

Anne M. Larson<sup>1</sup>, Maria Brockhaus<sup>1</sup>, William D. Sunderlin<sup>1</sup>, Amy Duchelle<sup>1</sup>, Andrea Babon<sup>1</sup>, Therese Dokken<sup>2</sup>, I.A.P. Resosudarmo<sup>1</sup>, Galia Selaya<sup>1</sup> and Abdon Awono<sup>1</sup>

1 Center for International Forestry Research (CIFOR); 2 Norwegian University of Life Sciences

Presenting author: Anne M. Larson

**“Political-economy of REDD+ in Peru”**

Mary Menton<sup>1</sup>, Hugo Che Piu<sup>2</sup>, Javier Perla<sup>3</sup>, Daniela Freundt<sup>3</sup>

1 Center for International Forestry Research (CIFOR); 2 Derecho, Ambiente y Recursos Naturales (DAR); 3 Libelula

Presenting author: Mary Menton

**“Institutional embeddedness of information sharing on REDD+: a case from Indonesia”**

Moira Moeliono<sup>1</sup>, Caleb Gallemore<sup>2</sup>, Maria Brockhaus<sup>1</sup> and Levania Santos<sup>1</sup>

1 Center for International Forestry Research (CIFOR); 2 The Ohio State University, Department of Geography

Presenting author: Moira Moeliono

**“Knowledge and brokerage in REDD+ policymaking: evidence from Tanzania”**

Salla Rantala (Sustainability Science Program, Harvard Kennedy School)

● Pancetti Hall

15:15 - 16:45

**NATIONAL STRATEGIES FOR REDUCING EMISSIONS FROM AVOIDED DEFORESTATION AND DEGRADATION - HOW MUCH TRANSFORMATIONAL CHANGE IS POSSIBLE IN CURRENT POLITICAL AND ECONOMIC REALITIES? - II**

**Part II - A policy network perspective**

**Session Chair**

● Monica Di Gregorio

**“A comparative analysis of national REDD+ policy networks: Identifying political constraints to effective policies”**

Maria Brockhaus<sup>1</sup>, Monica Di Gregorio<sup>1 2</sup> et al.

1 Center for International Forestry Research (CIFOR); 2 University of Leeds, School of Earth and Environment

Presenting author: Monica Di Gregorio

**“Impact of Political affiliation on national REDD+ policy: A case study from Vietnam”**

Pham Thu Thuy<sup>1</sup> and Bui Thi Minh Nguyet<sup>2</sup>

1 Center for International Forestry Research (CIFOR); 2 Freelance

Presenting author: Pham Thu Thuy

**“REDD Policy-making in Nepal: Business as Usual or Transformational Change?”**

Bryan R. Bushley<sup>1</sup>, Dil Bahadur Khatri<sup>2</sup>

1 University of Hawaii at Manoa & East-West Center; 2 ForestAction

Presenting authors: Bryan R. Bushley, Dil Bahadur Khatri

**“Networks, actors and power: A case study of REDD+ in Brazil”**

Shaozeng Zhang<sup>1 2</sup>, Maria Fernanda Gebara<sup>1 3 4</sup>, Peter May<sup>1 3</sup>

1 Center for International Forestry Research (CIFOR); 2 University of California, Irvine, USA; 3 Federal Rural University of Rio de Janeiro; 4 Getulio Vargas Foundation

Presenting author: Maria Fernanda Gebara

**“REDD+ in the Cameroon policy arena: Perceptions, power and politics”**

Félicien Kengoum Djiegni (Center for International Forestry Research (CIFOR))

● Salvador Dali Hall

13:30 - 15:00

**ROUND-TABLE  
THE BRAZILIAN FOREST CODE AND PAYMENTS FOR  
ENVIRONMENTAL SERVICES**

**Chair**

● Virgilio Viana (CEO, Fundação Amazonas Sustentável-FAS)

**Panelists**

- Carlos Eduardo F. Young (Universidade Federal do Rio de Janeiro, UFRJ)
- Maryanne Grieg-Gran (IIED)
- Sven Wunder (Researcher at Centre for International Forestry Research, CIFOR)

● Scliar Hall

13:30 - 15:00

**SPECIAL PANEL  
ACCOUNTING FOR BIODIVERSITY - BEYOND THE DOLLAR - I**

**Chair**

● Iulie Aslaksen (Statistics Norway)

**“Accounting for biodiversity - Beyond the dollar”**

Jane McDonald (University of Queensland)

**“The distinct logics of economics and ecology”**

Joachim Spangenberg (UFZ Helmholtz Centre for Environment Research) - joachim.spangenberg@googlemail.com

**“Biodiversity indices in the context of ecosystem services: The Nature Index for Norway”**

Iulie Aslaksen<sup>1</sup>; Erik Framstad<sup>2</sup>; Per Arild Garnåsjordet<sup>1</sup>

1 Statistics Norway, 2 NINA, Norway

Presenting author: Iulie Aslaksen

**SPECIAL PANEL**

**ACCOUNTING FOR BIODIVERSITY: BEYOND THE DOLLAR - II**

(See Monday, June 18 for panel abstract)

**“Public opinions on biological diversity: Politics, science and culture”**

Ørnulf Seippel<sup>1</sup>, Per Arild Garnåsjordet<sup>2</sup>, Bruna De Marchi<sup>3</sup>, Iulie Aslaksen<sup>2</sup>  
1 NOVA; 2 Statistics Norway; 3 International Institute of Sociology-IIS

Presenting author: Iulie Aslaksen

**“Potential for integrating biodiversity measurements, assessments and policy responses in a global ecosystem capital accounting framework”**

Townsend Peterson<sup>1</sup>; Rania Spyropoulou<sup>2</sup> and Jean-Louis Weber<sup>2</sup>  
1 University of Kansas; 2 EEA

Presenting authors: Townsend Peterson and Rania Spyropoulou

**“Economic valuation and the commodification of ecosystem services”**

Erik Gomez Baggethun<sup>1</sup>; Manuel Ruiz-Pèrez<sup>2</sup>  
1 Institute of Environmental Science and Technology, Autonomous University of Barcelona; 2 Social-Ecological Systems Laboratory, Department of Ecology, Autonomous University of Madrid

Presenting author: Erik Gomez Baggethun

**SPECIAL PANEL**

**HOW TO MAKE INCENTIVE MECHANISMS WORK: LESSONS FROM THE BOLSA FLORESTA PROGRAMME IN THE AMAZONAS**

**Chair**

● Virgilio Viana (Amazonas Sustainable Foundation - Fundação Amazonas Sustentável, FAS)

**“Land use, deforestation pressures and compliance under the Bolsa Floresta Program in Amazonas”**

Riyong Bakkegaard (Center for International Forestry Research (CIFOR))

**“Assessing preferences for compensation packages using the discrete choice method: the case of the Bolsa Floresta Program in Amazonas, Brazil”**

Essam Mohammed (International Institute for Environment and Development (IIED))



**“From Zona Franca Verde to Bolsa Floresta: Valuing forest conservation and human work in the Amazon region”**

Laura Rival (Oxford University)

● Volpi Hall

15:15 - 16:45

**SPECIAL PANEL**

**GREEN ECONOMY UNDER TRIAL: LESSONS FROM ALTERNATIVE COLLECTIVE PRACTICES TOWARDS SUSTAINABLE PRODUCTION AND CONSUMPTION**

**Coordinator**

● Stefanie Baasch (Helmholtz-Centre for Environmental Research - UFZ Leipzig, Department of Environmental Politics)

**“Grassroots innovation movements and green economies: dilemmas, framings, possibilities”**

Adrian Smith<sup>1</sup>; Elisa Arond<sup>1</sup>; Mariano Fressoli<sup>2</sup>; Hernán Thomas<sup>2</sup>; Dinesh Abrol<sup>3</sup>

1 SPRU, Brighton; 2 UNQ, Buenos Aires; 3 NISTADS, Delhi

Presenting author: Adrian Smith

**“Reaching 100% renewable energy goal - the case of the renewable energy community Wolfhagen (Germany)”**

Stefanie Baasch (Helmholtz Centre for Environmental Research - UFZ, Department of Environmental Politics)

**TUESDAY, JUNE 19**

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● Salvador Dali Hall

9:00 - 10:30

**SPECIAL PANEL  
ECONOMIC VALUATION OF BENEFITS FROM REDUCED FOREST LOSS  
IN THE AMAZON**

**Chair**

● Jon Strand (Development Research Group, Environment and Energy Team, World Bank)

**“Valuing Global Benefits from Avoiding Forest Loss in the Amazon Rainforest; A Delphi Contingent Valuation Approach”**

Stale Navrud<sup>1</sup> and Jon Strand<sup>2</sup>

1 Norwegian University of Life Sciences; 2 The World Bank

Presenting author: Stale Navrud

**“Public Health Impacts of Deforestation and Policy in the Amazon”**

Simone C. Bauch<sup>1</sup>, Subhrendu K. Pattanayak<sup>2</sup>, Erin O. Sills<sup>3</sup>

1 Inter-American Development Bank; 2 CIFOR, Bogor, Indonesia; 3 North Carolina State University, USA

Presenting author: Simone Bauch

**“Reconciling agriculture expansion with forest conservation and restoration in Brazil”**

Britaldo Soares-Filho; Willian Leles; Leticia Hissa (Centro de Sensoriamento Remoto, Universidade Federal de Minas Gerais, Brazil)

Presenting author: Britaldo Soares-Filho

**“The economic value of protected natural areas in the Brazilian Amazon”**

Carlos E F Young<sup>1</sup> and Rodrigo Medeiros<sup>2</sup>

1 UFRJ and INCT/PPED; 2 UFRRJ and INCT/PPED

Presenting author: Carlos Young

**SPECIAL PANEL**

**COMMON PROPERTY ARTISANAL FISHERIES - I**

**Coordination**

- Alpina Begossi
- Peter May
- Valéria Vinha

**“Payments for environmental services: applications to coastal fisheries contexts in Rio de Janeiro, Brazil”**

Alpina Begossi<sup>1</sup>; Peter H. May<sup>2</sup>; Valeria Vinha<sup>3</sup>

1 Unicamp/FIFO/Unisanta, Campinas, Brazil; 2 CPDA/UFRRJ and INCT/PPED, Rio de Janeiro, Brazil; 3 UFRJ/IE and INCT/PPED, Rio de Janeiro, Brazil

Presenting author: Alpina Begossi

**“Payment for environmental services: a way to involve fishers in cetaceans’ conservation”**

Shirley Pacheco (Instituto Federal de Educação, Ciência e Tecnologia de São Paulo; FIFO)

**“Behavioral and environmental influences on fishing rewards in the Lower Tocantins River, Brazilian Amazon”**

Gustavo Hallwass<sup>1 2 3</sup>, Anastácio A. Juras<sup>3 4</sup>, Priscila F. Lopes<sup>3 5</sup>, Renato A. M. Silvano<sup>1 2 3</sup>

1 Depto. Ecologia, UFRGS, Porto Alegre, RS, Brazil; 2 PPG Ecologia, UFRGS, Brazil; 3 Fisheries and Food Institute (FIFO), Santos, SP, Brazil; 4 Centrais Elétricas do Norte do Brasil S.A - Eletronorte, Brasília/DF, Brazil; 5 Depto. Botânica, Ecologia e Zoologia, Centro de Biociências, Universidade Federal do Rio Grande do Norte, Natal, RN, Brazil

Presenting author: Gustavo Hallwass

**“Comparisons of Past and Current Ecosystem Services Reveals Drivers of Change: a study from Paraty, Southeastern Brazil”**

Luiz Eduardo Chimello de Oliveira and Fikret Berkes (Natural Resources Institute, University of Manitoba, Canada)

Presenting author: Luiz Eduardo Chimello de Oliveira

**SPECIAL PANEL  
COMMON PROPERTY ARTISANAL FISHERIES - I**

**Coordination**

- Alpina Begossi
- Peter May
- Valéria Vinha

**“Artisanal fisheries economics of Paraty, RJ: contributions to food security and sustainability”**

Mariana Clauzet (Universidade Santa Cecília (UNISANTA/SP) e Fisheries and Food Institute (FIFO)

**“When fishers’ knowledge and fisheries management do not come together: a case study in Paraty, Rio de Janeiro, Brazil”**

Priscila F. M. Lopes<sup>1</sup>; Alpina Begossi<sup>2</sup>

1 Federal University of Rio Grande do Norte, Ecology Department, Natal, RN, Brazil and Fisheries and Food Institute, Ecomar/Unisanta, Santos, SP, Brazil; 2 Unicamp/CMU, LEPAC,PREAC, Campinas, SP, Brazil & Fisheries and Food Institute, Ecomar/Unisanta, Santos, SP, Brazil

Presenting author: Priscila Lopes

**“Common property rights: a methodological approach for marine extractive reserves in Brazil”**

Liandra Caldasso<sup>1</sup>; Jutta Gutberlet<sup>2</sup>; Valéria Vinha<sup>3</sup>

1 PPED-IE/UFRJ, Rio de Janeiro, Brazil; 2 University of Victoria, BC, Canada; 3 IE/UFRJ and INCT-PPED

Presenting author: Liandra Caldasso

**SPECIAL PANEL  
ENVIRONMENTAL GOVERNANCE IN LATIN AMERICA.  
CONTRIBUTIONS FROM THE ENGOV PROJECT (FP7 2011-2014)**

**Coordinator**

- Joan Martinez-Alier (Universitat Autònoma de Barcelona, Spain)

**“Chinese actors in Latin American mineral extraction conflicts”**

Barbara Hogenboom (Centre for Latin American Research and Documentation, University of Amsterdam)

**“Governance from Below as a Challenge to Environmental Governance”**

David Barkin (Universidad Autonoma Metropolitana-Xochimilco) - barkin@correo.xzoc.uam.mx

**“Natural equity accounts and environmental perspectives of the economy”**

Hector Sejenovich (Instituto de Investigaciones Gino Germani (IIGG))

**“What can we know about ecological distribution conflicts from a national material flow accounting? The case of Argentina (1970-2009)”**

Julien Brun, Pedro L. Perez Manrique, Ana Citlalic Gonzalez-Martinez, Mariana Walter and Joan Martinez-Alier (Institut de Ciència y Tecnología Ambientals, Universitat Autònoma de Barcelona (ICTA-UAB))

Presenting author: Mariana Walter

● Salvador Dali Hall

13:30 - 15:00

**SPECIAL PANEL  
ECOLOGICAL MACROECONOMICS**

**Coordinator**

● Armon Rezai, Vienna University of Economics

**Chair**

Sigrid Stagl, Vienna University of Economics

**“Modeling the Great Transition”**

Emanuele Campiglio (New Economics Foundation)

**“Ecological Macroeconomics: An Application to Climate Change”**

Armon Rezai (Vienna University of Economics and Business)

**“Economic Growth, Inequality, and Welfare”**

Richard Howarth (Dartmouth College)

**“What is Degrowth? From an activist slogan to a social movement”**

Federico Demaria (Universitat Autònoma de Barcelona (UAB))

● Volpi Hall

13:30 - 15:00

### **SPECIAL WORKSHOP**

#### **ECOLOGICAL ECONOMICS AND THE GREEN ECONOMY: RELEVANCE FOR THE SOUTH, IN TIMES OF GLOBAL CHANGE**

##### **Chair**

- Pushpam Kumar (UNEP, Nairobi, Kenya)

##### **Moderators**

- Joseph Weiss (Center for Sustainable Development, University of Brasília, Brazil)
- Seema Purushothaman (Ashoka Trust, India)

##### **Moderator contact**

- Joseph Weiss

##### **Panelists**

- Maria Amélia Enriquez (Federal University of Pará, Belém, Brazil)
- Dajian Zhu (Tongji University, Shanghai, China)
- Kevin Urama (ATPSNet, Nairobi, Kenya)
- Stanislav Shmelev (Senior Visiting Research Associate, School of Geography and the Environment, Oxford, UK)
- Walter Pengué (General Sarmiento University, Buenos Aires, Argentina)

● Pancetti Hall

13:30 - 15:00

### **ROUND-TABLE**

#### **THE ECONOMIC MAN NEEDS AN ECONOMIC WOMAN - TRANSFORMING ECONOMIC STRUCTURES**

##### **Chair**

- Ewa Larsson (President, Green Women and former member of the Swedish Parliament)

##### **Panelists**

- Ewa Larsson (Green Women, Sweden)
- Eva Hallstrom

● Salvador Dali Hall

15:15 - 16:45

### **SPECIAL PANEL**

#### **PROGRESS IN WEALTH ACCOUNTING AND THE VALUATION OF ECOSYSTEM SERVICES (WAVES)**

##### **Session chairs**

- Glenn-Marie Lange (Senior Environmental Economist, World Bank)

• Kirsten L.L. Oleson (Assistant Professor of Ecological Economics, University of Hawai'i)

Chair contact: Kirsten Oleson

**“Overview of natural capital accounting for policy analysis and decision-making”**

Glenn-Marie Lange and Urvashi Narain (Environment Department, The World Bank)

Presenting author: Glenn-Marie Lange

**“Improving Fisheries Accountability Worldwide: Food Security at Stake”**

Rashid Sumaila and Frederic LaManach (University of British Columbia)

Presenting author: Rashid Sumaila

**“Sustainability and comprehensive wealth”**

Kenneth J. Arrow<sup>a</sup>, Partha Dasgupta<sup>b</sup>, Lawrence H. Goulder<sup>a</sup>, Kevin J. Mumford<sup>c</sup>, and Kirsten Oleson<sup>d</sup>

a Stanford University, b University of Cambridge, c Purdue University, d University of Hawai'i Manoa

Presenting author: Kirsten Oleson

**“Inclusive Wealth Report”**

Pablo Muñoz<sup>a</sup>, Elorm Darkey<sup>b</sup>, Kirsten Oleson<sup>c</sup>, Kevin Mumford<sup>d</sup>, Leonie Pearson<sup>e</sup>

a UNU-IHDP, b University of Bonn, c University of Hawaii, d Purdue University, e University of Melbourne

Presenting author: Kirsten Oleson



## ORAL PRESENTATION SESSIONS

### SUNDAY, JUNE 17

● SESSION 01 / MADRID I

09:00 - 10:30

#### (UN)SUSTAINABLE CITIES? - I

##### Chair

• Nicola Da Schio

09:00

[114] RE-CONSIDERING SUSTAINABLE BUILDING AND DESIGN: LESSONS FROM AUSTRALIA, CHINA AND GERMANY  
KERI CHIVERALLS\*; GEORGE ZILLANTE; LOU WILSON; JASMINE PALMER; JIAN ZUO; STEPHEN PULLEN

09:15

[287] ENVIRONMENTAL LEAPFROGGING IN CHINA'S URBAN DEVELOPMENT? CURRENT STATUS AND FUTURE OUTLOOK  
PATRICK MARTIN SCHROEDER\*; RALPH B. CHAPMAN

09:30

[508] GREEN CITIES VS. GREEN COUNTRIES: A COMPARISON OF LOCAL AND NATIONAL ENVIRONMENTAL PERFORMANCE  
NICOLA DA SCHIO\*

09:45

[565] DETERMINANTS OF URBAN GHG EMISSIONS: REVIEW ON A SAMPLE OF EUROPEAN CITIES  
EDOARDO CROCI\*; SABRINA MELANDRI; TANIA MOLteni; OLHA ZADOROZHNA

10:00

[796] EVALUATING SUSTAINABLE DEVELOPMENT IN US CITIES AND STATES: HOW SUSTAINABLE IS IT?  
MARY M TIMNEY\*

● SESSION 02 / MADRID II

09:00-10:30

#### BALANCING NATURE: PEOPLE, BIODIVERSITY AND RESILIENCE - I

##### Chair

• Ernst Nuppenau



- 09:00  
[141] ENVIRONMENTAL JUSTICE IN AGRICULTURAL SYSTEMS. AN EVALUATION OF SUCCESS FACTORS AND BARRIERS BY THE EXAMPLE OF THE PHILIPPINE FARMER NETWORK MASIPAG STEFANIE GLOTZBACH\*
- 09:15  
[978] HUMAN-ELEPHANT CONFLICT WITH SPECIAL REFERENCE TO WEST BENGAL DEBASISH BISWAS\*
- 09:30  
[234] ECOLOGICAL-ECONOMICAL VALUATION OF SPECIES IN CASE OF LAND USE CONFLICTS: THE HUMAN-ELEPHANT-CASE ERNST NUPPENAU\*
- 09:45  
[295] AGRICULTURAL BIODIVERSITY AND RESILIENCE TO CHANGE IN PAPUA NEW GUINEA STELLA NORDHAGEN\*

● SESSION 03 / MADRID III

09:00-10:30

### **BEHAVIOURAL ECONOMICS AND ECONOMIC BEHAVIOUR: BEYOND HOMO ECONOMICUS? - III**

#### **Chair**

• Eduardo Barata

- 09:00  
[387] OBSERVING SOCIAL INFLUENCE AND CONSUMER PREFERENCE FORMATION: THE CASE OF A U.K. WORKPLACE ELECTRIC-VEHICLE TRIAL JONN AXSEN\*; CAROLINE ORLEBAR; STEPHEN SKIPPON
- 09:15  
[1093] WHO IS THIS CHARACTER: HOMO ECOLOGICUS? MICHELE FRIEND\*
- 09:30  
[706] RELATIVE INCOME AND HAPPINESS: A GLOBAL STUDY CHRIS BARRINGTON-LEIGH\*
- 09:45  
[587] WATER USE: PERCEPTIONS AND REAL BEHAVIOUR EDUARDO BARATA\*; RITA MARTINS; LUIS CRUZ; SANDRA TRALHÃO

## CHALLENGES OF COMMUNITY RESOURCE GOVERNANCE - I WATER RESOURCE CHALLENGES

### Chair

● Carlos Pérez Blanco

08:45

[248] ARE DISPROPORTIONATE COSTS AN ISSUE? A COST-BENEFIT ANALYSIS OF WATER FRAMEWORK DIRECTIVE IMPLEMENTATION IN DENMARK  
SØREN BØYE OLSEN\*; CARSTEN LYNGE JENSEN; ALEX DUBGAARD; BRIAN JACOBSEN; BERIT HASLER

09:00

[516] DO DROUGHT CONTINGENCY PLANS REALLY REDUCE DROUGHT RISK? A RISK ASSESSMENT MODEL FOR THE SEGURA RIVER BASIN  
CARLOS DIONISIO PÉREZ BLANCO\*; CARLOS MARIO GÓMEZ

09:15

[386] MANAGING THE INSTITUTIONAL DIVERSITY OF JAPAN'S IRRIGATION COMMONS  
ASHUTOSH SARKER\*

09:30

[895] DECLINE OF TRADITIONAL WATER HARVESTING SYSTEMS DURING BRITISH INDIA: EXPLORING THE ISSUES OF 'KNOWLEDGE INCOMPATIBILITY', 'BREAKING DOWN OF COMMONS' AND 'FREE RIDERSHIP'  
SARADINDU BHADURI\*; ANUSHREE SINGH

09:45

[397] DESIGN OF OPTIMUM PRIVATE INSURANCE SCHEMES AS A MEANS TO REDUCE WATER OVEREXPLOITATION DURING DROUGHT EVENTS. A CASE STUDY IN CAMPO DE CARTAGENA (SEGURA RIVER BASIN, SPAIN)  
CARLOS DIONISIO PÉREZ BLANCO\*; CARLOS MARIO GÓMEZ

## ECONOMICS AND ECOLOGY: TRANSDISCIPLINARY CONVERSATIONS - I

### Chair

● Georgios Karakatsanis

09:00

[213] ORGANIZATIONAL DEVELOPMENT: REVITALIZING THE SOCIAL

AND ENVIRONMENTAL PLANNING  
AFONSO FARIAS SOUZA JR\*; JOAQUIM CARLOS COSTA PINHO;  
FERUCCIO BILICH

09:15  
[305] IMPORTING MACROECOLOGICAL SPATIAL AGGREGATION  
METRICS TO ECONOMICS  
ALASTAIR GREIG\*; MALCOLM HORNER

09:30  
[323] TRANSACTION COST ECONOMICS THEORY APPLIED TO THE  
INVESTMENT IN NATURAL CAPITAL: QUESTIONING THE  
COMPENSATION OF BIODIVERSITY DESTRUCTION  
PIERRE SCEMAMA\*; HAROLD LEVREL

09:45  
[354] A THERMODYNAMIC THEORY OF MONEY  
GEORGIOS KARAKATSANIS\*

● SESSION 06 / MADRID VI

09:00-10:30

## FOOD SECURITY: WHO SOWS? WHO REAPS? - I

### Chair

● Walter Pengue

09:00  
[123] ENVIRONMENTAL INTANGIBLES: THE CASE OF VIRTUAL SOILS IN  
INTERNATIONAL TRADE AND FOOD SECURITY  
WALTER ALBERTO PENGUE\*

09:15  
[176] THE IMPACTS OF GLOBAL LIVESTOCK PRODUCTION ON LAND  
USE CHANGES AND FOOD SECURITY: THE POTENTIAL  
CONTRIBUTION OF ORGANIC AGRICULTURE  
SALLET KRISTINE-ELENA\*

09:30  
[105] ENVIRONMENTAL SUSTAINABILITY IN AGRICULTURE AND FOOD  
SECURITY IN THE AMAZON  
ALFREDO KINGO OYAMA HOMMA\*

09:45  
[335] THE FINANCIALIZATION OF FOOD: WHO IS BEING FED?  
JENNIFER CLAPP\*

## ENERGY AND TRANSPORT IN DEVELOPING CITIES

### Chair

● Lucas Chancel

13:15

[1113] DESIGNING THE FUTURE SUSTAINABLE CITY: PLACE, PROCESS AND ECONOMY  
LAURA A FRYE-LEVINE\*; RICHARD S LEVINE; MICHAEL T HUGHES; TAQI RADMARD

13:30

[709] CURITIBA A BRAZILIAN SUSTAINABLE MODEL TO RIO'S PROJECT  
JULIANA VALVERDE LOSS\*; JULIANA CANTINI

13:45

[585] GREENING COMMUTERS TRANSPORTATION AND PARKING AT THE UNIVERSITY OF COIMBRA CAMPUS  
JOÃO-PEDRO FERREIRA\*; FAUSTO FREIRE; LUIS CRUZ; EDUARDO BARATA

14:00

[958] THE ENERGY POVERTY NEXUS IN EAST AFRICAN CITIES  
LUCAS CHANCEL\*

14:15

[960] URBAN AGRICULTURE IN RIO DE JANEIRO: POSSIBILITIES OF ANALYSIS THROUGH THE LIVELIHOODS APPROACH  
BRUNO AZEVEDO PRADO\*

## THE ECONOMICS AND POLITICS OF CLIMATE CHANGE - VI

### Chair

● Timothy Laing

13:30

[156] CARBON TAXATION WHEN CONSUMERS SUFFER IMPERFECT SELF-CONTROL  
BART DEFLOOR

13:45

[306] MODELING POLITICAL INFLUENCE ON THE CHOICE OF POLICIES FOR REDD+  
TIMOTHY LAING; CHARLES PALMER

14:00  
[1066] LEARNINGS FROM PRICING CARBON IN AUSTRALIA  
ANDREW GLYNN MCGHEE

14:15  
[1089] THE POTENTIAL AND LIMITATIONS OF POLICY EXPERIMENTS TO  
SUPPORT CLIMATE FINANCE  
AVERY SIMON COHN

14:30  
[1114] EVALUATION OF ADAPTATION AND MITIGATION POLICIES TO  
CLIMATE CHANGE.THE CASE OF ARGENTINA AND BRAZIL: THE  
BORDER TRANSFER OF AGRICULTURAL AND BIOFUELS  
INES DEL VALLE DEL ASIS

● SESSION 09 / MADRID III

13:30-15:00

## **BEHAVIOURAL ECONOMICS AND ECONOMIC BEHAVIOUR: BEYOND HOMO ECONOMICUS? - I**

### **Chair**

● Jorge Maldonado

13:30  
[607] EVALUATION OF NON-MARKET GOODS: THE RELEVANCE OF  
CONSIDERING “BEHAVIOURAL ANOMALIES”  
PAULA SIMÕES\*; LUIS CRUZ; EDUARDO BARATA

13:45  
[62] MEASURING DEMAND FOR SANITATION IN DEVELOPING  
COUNTRIES: A NEW THEORETICAL AND METHODOLOGICAL  
FRAMEWORK FOR CONTINGENT VALUATION SURVEYS  
JULIEN MILANESI\*

14:00  
[98] DOES SCARCITY EXACERBATE THE TRAGEDY OF THE COMMONS?  
EVIDENCE FROM FISHERS’ EXPERIMENTAL RESPONSES  
JORGE HIGINIO MALDONADO\*; ROCIO DEL PILAR MORENO

14:30  
[413] DOES EXCLUSION OF PROTEST ZEROS AND WARM-GLOW  
BIDDERS CAUSE SELECTION BIAS IN CONTINGENT VALUATION?  
AN EMPIRICAL CASE STUDY IN A NATURA 2000 WETLAND AREA  
IOANNA GRAMMATIKOPOULOU\*; SØREN BØYE OLSEN; EIJA  
POUTA

15:00  
[752] BEHAVIORAL INSIGHTS TO SELECTING DISTRIBUTIONS FOR

RANDOM COEFFICIENTS IN MULTINOMIAL LOGIT MODELS FOR  
STATED PREFERENCE VALUATION STUDIES  
MIKOLAJ CZAJKOWSKI\*; MAREK GIERGICZNY; RICHARD CARSON

● SESSION 10 / MADRID IV

13:30-15:00

**CHALLENGES OF COMMUNITY RESOURCE GOVERNANCE:  
WATER RESOURCE CHALLENGES**

**Chair**

● Claudia Sattler

13:15

[611] REGIONAL PLANNING AND CONSERVATION IN COSTA RICA: A  
CONTRADICTIONARY POLICY PROCESS?  
FERNANDO SAENZ-SEGURA\*; JEAN FRANÇOIS LE COQ

13:30

[408] COMBINING APPROACHES TO OUTLINE THE DETERMINANTS  
OF LOCAL PUBLIC POLICIES FOR AGRICULTURAL AND NATURAL  
LAND CONSERVATION  
OLIVIER CHANEL\*; LAURENCE DELATTRE; CLAUDE NAPOLEONE

13:45

[459] SEASONAL TOURISM, CRITICAL STOCK-FLOW RELATIONS AND  
ISLAND SUSTAINABILITY  
PANOS PETRIDIS\*; IRENE PALLUA

14:00

[787] HOW TO TRANSFER SUCCESSFUL SOLUTIONS OF COMMUNITY-  
BASED MANAGEMENT OF NATURAL RESOURCES?  
CLAUDIA SATTLER\*; BETTINA MATZDORF; BERNARDO AGUILAR-  
GONZÁLEZ; TIM SCHLOENDORN; RANULFO PAIVA SOBRINHO;  
PAULO SINISGALLI; CLAAS MEYER

● SESSION 11 / MADRID V

13:30-15:00

**ECONOMICS AND ECOLOGY: TRANSDISCIPLINARY CONVERSATIONS - II**

**Chair**

● Sergio Fonseca

13:30

[70] EVALUATIONS OF DAILY AND SEASONAL CONCENTRATIONS  
OF CO<sub>2</sub> IN A MANGROVE ECOSYSTEM: MICROMETEOROLOGY

AND ECONOMIC DIMENSIONS  
SÉRGIO MATTOS FONSECA\*

13:45

[80] THE INFLUENCE OF ECOLOGICAL COMPETITION LIMITATION IN  
RUSSIAN ECONOMY  
TATYANA TAGAEVA\*; LIDIA KAZANTSEVA; VADIM GILMUNDINOV

14:00

[288] THE ECONOMICS OF SPACETIME  
NIELS PETER HAHNEMANN\*

● SESSION 12 / MADRID VI

13:30-15:00

**ECONOMICS AND ECOLOGY: TRANSDISCIPLINARY CONVERSATIONS  
- III**

**Chair**

● Bertrand Hamaide

13:30

[402] ECOPAY - INTEGRATING ECONOMIC AND ECOLOGICAL  
KNOWLEDGE FOR SOFTWARE-BASED DECISION SUPPORT FOR  
COST-EFFECTIVE BIODIVERSITY CONSERVATION IN GRASSLAND  
MELANIE MEWES\*; FRANK WÄTZOLD; KARIN JOHST; ASTRID  
STURM; MARTIN DRECHSLER

13:45

[418] DISTANCE AND PROXIMITY IN NATURE RESERVE SELECTION WITH  
LAND RISK HETEROGENEITY  
BERTRAND HAMAIDE\*; HEIDI JO ALBERS; GWENLYN BUSBY

14:00

[423] THE ECONOMICS OF ECOSYSTEMS AND BIODIVERSITY FOR THE  
OCEANS: THE GREEN ECONOMY FOR A BLUE WORLD  
YANNICK CHRISTIAN BEAUDOIN\*; LINWOD PENDLETON; ANNE  
MADRID I SOLGAARD

14:15

[431] RESILIENCE AND SUSTAINABILITY OF AN ECOLOGICAL ECONOMIC  
SYSTEM WITH ADAPTATION  
TAKURO UEHARA\*

**(UN)SUSTAINABLE CITIES? - II**

**Chair**

● Anthony Boanada

15:15

[1048] THE COST OF REGULATION - TOWARDS A MORE SUSTAINABLE HOUSING CONSTRUCTION IN THE BRICS  
ANTHONY BOANADA-FUCHS\*

15:30

[1082] A SOCIAL CONSTRUCTION OF WATER CRISIS. THE CASE OF SAN LUIS POTOSI, MÉXICO  
MARIO FUENTE-CARRASCO\*; DANIEL TAGLE; DAVID BARKIN

15:45

[239] SUSTAINABLE BUILDING IN LATVIA: DEVELOPMENT AND FUTURE CHALLENGES  
TATJANA TAMBOVCEVA\*; INETA GEIPELE; SANDA GEIPELE

16:00

[669] POSTULATES OF URBAN RESILIENT SUSTAINABILITY TRANSITIONS: A CROSS-DISCIPLINARY APPROACH  
MARTA OLAZABAL\*; UNAI PASCUAL

16:15

[666] ON THE ROAD TO 100% - THE GREEN CITY FREIBURG  
DR. BERND DALLMANN\*; PHILIPP OSWALD

**BALANCING NATURE: PEOPLE, BIODIVERSITY AND RESILIENCE - II**

**Chair**

● Carolina Jordão

15:15

[830] VALUING ENVIRONMENTAL GOODS AND SERVICES: A TOOL FOR INCREASING THE EFFECTIVENESS OF PES SCHEMES IN DEVELOPING COUNTRIES?  
ANA CLAUDIA SANTANNA\*; JORGE MADEIRA NOGUEIRA

15:30

[887] AGRI-ENVIRONMENTAL POLICIES OF BRAZILIAN ENERGY SECTOR: NATIONAL GROWTH VERSUS LOCAL ENVIRONMENTAL



VULNERABILITY

CAROLINA DE OLIVEIRA JORDÃO\*; EVANDRO MATEUS MORETTO

16:00

[913] INDIA'S EMPLOYMENT GUARANTEE PROGRAMME, SOCIETAL METABOLISM AND SUSTAINABILITY: A DISCUSSION  
SHAILLY KEDIA KEDIA\*

16:15

[986] PAYMENTS FOR ECOSYSTEM SERVICES IN THE GLOBAL DISCOURSE  
MARIANNE HENKEL\*

● SESSION 15 / MADRID III

15:15-16:45

## **BEHAVIOURAL ECONOMICS AND ECONOMIC BEHAVIOUR: BEYOND HOMO ECONOMICUS? - II**

### **Chair**

• Kymberly Fisher

15:15

[235] HOW RURAL COMMUNITY SUPPORT ORGANIC AGRICULTURE IN CHINA?  
HUANXIU GUO\*; MARY-FRANÇOISE RENARD

15:30

[581] DOES BEHAVIOURAL ECONOMICS MATTER FOR ENVIRONMENTAL POLICY?  
ADAINA KHANG CHIAN\*; SUDHIR CHELLA RAJAN

15:45

[742] BEHAVIOURAL ECONOMICS IN WATER MANAGEMENT - AN OVERVIEW OF BEHAVIOURAL ECONOMICS APPLICATIONS TO RESIDENTIAL WATER DEMAND  
RICARDO CORREIA\*; CATARINA ROSETA PALMA

16:00

[240] ENVIRONMENTAL REGULATIONS AND INDIVIDUAL DAILY BEHAVIOURS IN THE UNITED STATES: WHAT DO TIME DIARY STUDIES TELL US?  
KIMBERLY FISHER\*; ROUJMAN SHAHBAZIAN; MOHAMMAD SEPAHVAND

16:15

[877] PUBLIC PARTICIPATION IN MANAGEMENT OF WATER RESOURCES: WHO CARES?  
BEN DAVIES

**CHALLENGES OF COMMUNITY RESOURCE GOVERNANCE - II**

**Chair**

● Insa Theesfeld

15:15

[718] FROM LAND GRABBING TO WATER GRABBING  
INSA THEESFELD\*

15:30

[608] FISHERIES INSTITUTIONS: CLIMATE- AND SOCIAL ADAPTIVE  
CAPACITIES OF MARINE CONSERVATION  
MEIKE BUKOWSKI\*

15:45

[681] RESILIENCE LEARNING AND ADAPTIVE GOVERNANCE  
MAIK WINGES\*

16:00

[1127] SUSTAINABLE PRODUCTION AND POVERTY ALLEVIATION  
MONICA A AMORIM\*; FRANCISCO OLIVEIRA

16:15

[1126] YOU CAN CHOOSE ANY COLOR, AS LONG AS IT IS GREEN -  
CHALLENGES, SKILLS AND OPPORTUNITIES OF GREENING THE  
ECONOMY  
FRANCISCO OLIVEIRA\*

**ECONOMICS AND ECOLOGY: TRANSDISCIPLINARY CONVERSATIONS  
- IV**

**Chair**

● Erik Gomez Baggethun

15:00

[782] PARTICIPATORY FRAMEWORK FOR VALUATION OF MARINE AND  
COASTAL ECOSYSTEM SERVICES  
RITA LOPES\*; NUNO VIDEIRA

15:15

[660] TOWARDS A BIOFUEL-SPECIFIC CLASSIFICATION OF ECOSYSTEM  
SERVICES FOR ASSESSING BIOFUEL TRADE-OFFS  
ALEXANDROS GASPARATOS\*; PER STROMBERG

15:30  
[570] THEORETICAL ISSUES AND OPERATIONAL CHALLENGES IN  
ECOSYSTEM SERVICES VALUATION  
ERIK GOMEZ BAGGETHUN\*

15:45  
[614] SYSTEM DYNAMICS IMPLEMENTATION OF A MODEL OF  
POPULATION AND RESOURCE DYNAMICS WITH ADAPTATION  
TAKURO UEHARA\*; YOKO NAGASE; WAYNE WAKELAND

● SESSION 18 / MADRID VI

15:15-16:45

## ECOLOGICAL MACROECONOMICS

### Chair

• Ke Zhao

15:15  
[232] THE MACROECONOMICS OF A STEADY-STATE ECONOMY  
PHILIP LAWN\*

15:30  
[382] MODELLING A POST KEYNESIAN ENVIRONMENTAL  
MACROECONOMIC SYSTEM BASED ON KALECKIAN MICRO-  
INVESTMENT BEHAVIOUR: AN AGENT-BASED APPROACH WITH  
APPLICATION TO THE MURRAY-DARLING BASIN, AUSTRALIA  
KE ZHAO\*; COLIN RICHARDSON; JERRY COURVISANOS; JOHN  
CRAWFORD

15:45  
[821] THE POLITICS OF METHODOLOGY IN MACROECONOMICS  
FELIX PENICHE\*

16:00  
[757] "OPTIMIZING" CLIMATE CHANGE OR REACHING A STRUCTURAL  
CHANGE OF THE ECONOMY? A MULTI-AGENT MODEL  
SYLVIE GEISENDORF\*

● SESSION 55 / GUANABARA I

09:00-10:30

## ECOLOGICAL DEBT AND INDIGENOUS PEOPLES

### Chair

• Bernardo Aguilar-Gonzalez

09:00  
[950] RECORDING ECOLOGICAL DEBTS IN THE NATIONAL ACCOUNTS:

POSSIBILITIES OPEN BY THE DEVELOPMENT OF ECOSYSTEM  
CAPITAL ACCOUNTS  
JEAN-LOUIS WEBER\*

09:15

[1133] THE DISTRIBUTIVE EFFECTS OF AERIAL SPRAYING POLICY IN  
COLOMBIA: REDUCTION OF COCA CROPS AND SOCIO-  
ECOLOGICAL IMPACTS IN VULNERABLE COMMUNITIES  
ALEXANDER RINCON RUIZ\*; GIORGOS KALLIS

09:45

[1142] ECOLOGICAL DEBT AND ECOLOGICAL CONFLICTS IN THE  
CENTRAL VALLEY OF COSTA RICA: METHODOLOGICAL  
CHALLENGES AND PRELIMINARY RESULTS  
BERNARDO AGUILAR-GONZALEZ\*

10:00

[146] THE EFFECT OF THE LAND RESTITUTION PROGRAMME ON  
POVERTY REDUCTION AMONG THE KHOMANI SAN  
JOHANE DIKGANG\*; EDWIN MUCHAPONDWA

● SESSION 56 / GUANABARA III

09:00-10:30

**SUSTAINABLE WATER USE**

**Chair**

• Paulo Sinisgalli

09:00

[914] MASS TOURISM AND WATER CONSUMPTION: CASE OF TURKEY  
GUL IPEK TUNC\*; SERAP TURUT-ASIK; ELIF AKBOSTANCI

09:15

[804] CHALLENGES OF ENVIRONMENTAL LICENSING OF HYDROPOWER  
DAMS. A STUDY CASE OF UHE ITAPEBI  
PEDRO JORGE CAMPHELLO RODRIGUES PEREIRA\*

09:30

[993] RIGHTS OF WATER USE IN BRAZIL AND ECOLOGICAL ECONOMICS  
SUSTAINABILITY  
SERGIO MANTOVANI PAIVA PULICE\*; PAULO ANTONIO ALMEIDA  
SINISGALLI

10:15

[229] LOGISTIC SYSTEM INTEGRATION WITH ENVIRONMENTAL  
MANAGEMENT SYSTEM: A CASE STUDY OF INTERNATIONAL  
COMPANY  
ANDREJS TAMBOVCEVS\*; TATJANA TAMBOVCEVA

## GOVERNING ENVIRONMENTAL BEHAVIOR

### Chair

• Marianne Aasen

09:00

[1025] IDEOLOGICAL STRUCTURE AND ATTITUDES TOWARDS ENERGY TAX OVER TIME - A STUDY OF THE NORWEGIAN PUBLIC  
MARIANNE AASEN\*

09:15

[918] CALCULATING CLIMATE DEBT. A COMPARISON AND A PROPOSAL  
RIKARD OLOF WARLENIUS\*

09:30

[942] DOMESTIC POLITICS AND THE FORMATION OF INTERNATIONAL ENVIRONMENTAL AGREEMENTS  
ALESSANDRO TAVONI\*

09:45

[968] IMPLEMENTATION OF THE EU STRATEGY ON SUSTAINABLE DEVELOPMENT WITHIN EUROPEAN CLIMATE POLICY: ACHIEVING SYNERGIES FOR GREEN GROWTH THROUGH MAINSTREAMING  
KATHARINE RIETIG\*

10:00

[403] BEHAVIOURAL ECONOMICS AND CLIMATE CHANGE NEGOTIATIONS  
ELISABETH GSOTTBAUER\*; JEROEN VAN DEN BERGH

## THE ENERGY QUESTION - I

### Chair

• Arho Toikka

09:00

[1070] DID FUKUSHIMA MARK THE END OF THE "NUCLEAR RENAISSANCE"? ANALYSIS OF MEDIA DEBATES IN FINLAND, FRANCE AND THE UK  
MARKKU LEHTONEN\*

09:15

[183] MAINSTREAMING ACCESS TO MODERN ENERGY SERVICES IN RURAL INDIA: A LOW CARBON STRATEGY  
BALACHANDRA PATIL\*

09:45  
[498] A SOCIO-ECOLOGICAL SYSTEMS ANALYSIS FOR UNDERSTANDING INSTITUTIONS IN CARBON CAPTURE AND STORAGE  
ARHO TOIKKA\*

10:00  
[957] A STUDY ON (UN)SUSTAINABLE CITY FROM ENTROPY PERSPECTIVE - A CASE FROM INDIA  
RACHNA YADAV\*; ANAMIKA BARUA

● SESSION 59 / GUANABARA VI

09:00-10:30

## INTEGRATED MODELING AND ASSESSMENT

### Chair

• Paulo Nunes

09:00  
[842] POSSIBILITIES AND POTENTIALS FOR INTEGRATED BIODIVERSITY MEASUREMENT, ASSESSMENT AND POLICY IN A GLOBAL ECOSYSTEM CAPITAL ACCOUNTING FRAMEWORK (PREL. TITLE)  
JEAN-LOUIS WEBER\*; TOWNSEND A PETERSON; RANIA SPYROPOULOU

09:15  
[894] TESTING COMPREHENSIVE ACCOUNTING THEORETICAL PREDICTIONS  
RUI PEDRO MOTA\*; TIAGO DOMINGOS

09:30  
[41] MODELING THE LINKS BETWEEN BIODIVERSITY, ECOSYSTEM SERVICES AND HUMAN WELLBEING IN THE CONTEXT OF CLIMATE CHANGE: RESULTS OF AN ECONOMETRIC EXERCISE TO THE EUROPEAN FORESTS  
PAULO A.L.D. NUNES\*

09:45  
[600] THE VALUES OF COASTAL RECREATION IN EUROPE'S SEAS AND THE IMPACT OF CLIMATE CHANGE  
ANDREA GHERMANDI\*; PAULO A.L.D. NUNES

10:30  
[191] COASTAL RESTORATION RESEARCH THAT CONSIDERS SOCIO-CULTURAL, ECOLOGICAL AND ECONOMIC RESILIENCE OF LOCAL COMMUNITIES WITH VARYING VALUE SYSTEMS: INSIGHTS FROM NEW ZEALAND  
DERRYLEA J HARDY\*

## THE ECONOMICS AND POLITICS OF CLIMATE CHANGE - II

### Chair

● Marco Springmann

13:45

[1130] C-SCAPE: THE POLITICAL ECONOMY OF ECOSYSTEM-BASED OFFSETS IN THE GLOBAL CARBON MARKET  
SEBASTIAN THOMAS\*; YUEN YEW CHANG; PAUL DARGUSCH;  
ANDREW GRIFFITHS

14:00

[460] CARBON TARIFFS FOR FINANCING CLEAN DEVELOPMENT  
MARCO SPRINGMANN\*

14:15

[985] GOVERNANCE OF CLIMATE CHANGE FINANCE: FRAGMENTATION AND INSTITUTIONAL COMPLEMENTARITIES  
ROMAN ANATOLYEVICH VAKULCHUK\*

## ECOLOGICAL DISTRIBUTION CONFLICTS

### Chair

● Federico Demaria

13:30

[247] CONVERGE - A MOVE TOWARDS SOCIAL EQUITY AND SUSTAINABILITY  
SIGRUN MARIA KRISTINSDOTTIR\*; KRISTIN VALA  
RAGNARSDOTTIR; BRYNHILDUR DAVIDSDOTTIR

13:45

[368] CAPITAL ACCUMULATES WASTE AND WASTE CONTRIBUTES TO CAPITAL ACCUMULATION. CONFLICTS OVER DISPOSSESSION AND CONTAMINATION  
FEDERICO DEMARIA\*

14:00

[427] A CONTRIBUTION TO ENVIRONMENTAL JUSTICE IN BRAZIL: VALUING THE IMPACTS OF PRODUCTION WATER FROM OIL AND GAS OFFSHORE EXPLORATION IN RESTINGA DE JURUBATIBA  
MARIA INÊS PAES FERREIRA\*; SAULO CRISTIANO BARBOSA; LUIZ FELIPE UMBELINO; PAULO ROGÉRIO NOGUEIRA DE SOUZA;  
MICHELI ROCHA CORDEIRO; PRISCILA GONTIJO ALMEIDA

14:15

- [509] THE TRAGEDY OF LOCAL - USING DISCRETE CHOICE METHODS TO INVESTIGATE HOW SPATIAL-HETEROGENEITY OF PREFERENCES MAY LEAD TO SOCIALLY SUBOPTIMAL ALLOCATIONS WITH RESPECT TO NATIONAL PARKS  
MAREK GIERGICZNY\*; MIKOLAJ CZAJKOWSKI

● SESSION 62 / GUANABARA IV 13:30-15:00

## ECONOMICS AND ECOLOGY: TRANSDISCIPLINARY CONVERSATIONS

### Chair

● José Feres

13:30

- [675] ENVIRONMENTAL MANAGEMENT TARGETS AND POLICY INSTRUMENTS - POTENTIAL SYNERGIES FOR BIODIVERSITY AND CARBON STORAGE IN FORESTS  
PER ARILD GARNÅSJORDET; BJART HOLTSMARK

13:45

- [428] MICRO-ECONOMICS OF FOREST - FOOD SECURITY LINKAGES IN NORTHERN ETHIOPIA: SAFETY NETS OR POVERTY TRAPS?  
NIGUSSIE ABADI MISTRU; NICK CHISHOLM NICHOLAS

14:00

- [638] ECOLOGICAL FISCAL INCENTIVES AND SPATIAL STRATEGIC INTERACTIONS: THE CASE OF THE ICMS-E IN PARANA  
SEBASTIEN MARCHAND; JOSÉ FERES; ALEXANDRE SAUQUET

14:15

- [1072] VALUING ESSENTIAL AND NON-SUBSTITUTABLE RESOURCES ON AN UNEQUAL AND FULL PLANET  
PURVI SEVAK; JOSHUA FARLEY

● SESSION 63 / GUANABARA V 13:30-15:00

## FORESTS AND CLIMATE CHANGE

### Chair

● Anne Lykke

13:30

- [592] THE COST-EFFECTIVENESS OF COMBINING REFORESTATION AUCTIONS WITH PERFORMANCE BASED PAYMENTS - A FIELD TRIAL IN RURAL KENYA  
TOBIAS WÜNSCHER\*; MERCELYNE LUXEN KHALUMBA; MIRJAM BÜDENBENDER; KARIN HOLM-MÜLLER



- 14:00  
[410] CARBON FORESTRY IN AFRICA  
ANNE METTE LYKKE\*; REDMOND SWEENEY; ROBERT HARLEY;  
WENDELIN AUBREY; CHEIKH MBOW; BIENVENU SAMBOU
- 14:30  
[497] ASSESSING THE OPPORTUNITY COSTS OF AVOIDED  
DEFORESTATION AT REGIONAL LEVEL: INSIGHTS FROM  
PROTECTED AREA MANAGEMENT IN BOSAWAS, NICARAGUA  
TANIA OSEJO CARRILLO\*; TOBIAS WÜNSCHER; MATTHIAS DIETER
- 14:45  
[641] ON THE ECONOMICS OF TROPICAL DEFORESTATION: CARBON  
CREDIT MARKETS AND NATIONAL POLICIES  
SEPUL K. BARUA\*; JUSSI LINTUNEN; JUSSI UUSIVUORI; JARI  
KUULUVAINEN
- 15:00  
[873] FOREST DEPENDENCE, REDD+ AND WELFARE OF THE POOR: A  
CASE STUDY FROM INDIA  
SUMANA DATTA\*

● SESSION 64 / GUANABARA VI

13:30-16:45

## FOOD SECURITY - WHO SOWS, WHO REAPS? - II

### Chair

- Clitia Backx

- 13:30  
[1056] FOOD INSECURITY AND URBAN AGRICULTURE: A GIS-BASED  
APPROACH  
JOHN A. SORRENTINO\*; MAHBUBUR R. MEENAR
- 13:45  
[747] AGROECOLOGY VERSUS CONVENTIONAL AGRICULTURE: AN  
EMERGY ANALYSIS OF RICE PRODUCTION IN SOUTHERN BRAZIL  
PEDRO BAPTISTA DOS SANTOS\*; CLITIA HELENA BACKX MARTINS
- 14:00  
[739] URBAN FOOD SUPPLY AND CHANGING AGRICULTURE: PARIS AND  
ITS SPATIAL FOOD IMPRINT, 19TH-21ST CENTURIES AND  
PROSPECTS  
PETROS CHATZIMPIROS\*; SABINE BARLES
- 14:15  
[479] CHALLENGES OF ECOLOGICAL AND ECONOMIC FACTORS TO FOOD  
SECURITY IN KANYAKUMARI DISTRICT - A SUPPLY SIDE ANALYSIS  
GNANAPRAKASAM GNANA EPILSTON\*; CYRIL KANMONY  
JEBAGNANAM

14:30

- [489] HOW CAN SMALLHOLDER FARMERS BE MORE EFFICIENT TOWARDS ENVIRONMENT? THE ROLE OF SOCIAL NETWORK IN RURAL CHINA  
SEBASTIEN MARCHAND\*; HUANXIU GUO

● SESSION 66 / GUANABARA III

15:15-16:45

## CLIMATE CHANGE AND NATIONAL ECONOMIES

### Chair

- Emilio Padilla

15:15

- [793] PRODUCTION STRUCTURE AND CO2 EMISSIONS IN SPAIN: AN INPUT-OUTPUT ANALYSIS  
EMILIO PADILLA\*; VICENT ALCÁNTARA

15:45

- [523] THE CARBON FOOTPRINT OF THE RISING INDIAN MIDDLE CLASS  
SEBASTIAN JOACHIM RENNER\*; NICOLE GRUNEWALD; JANN LAY;  
JAN MINX; MIRJAM HARTEISEN

16:00

- [534] THE ADAPTATION REGIME: WHY IT CAN'T IMPROVE GLOBAL SOCIAL JUSTICE  
MARC HUFTY\*; MORGAN SCOVILLE-SIMONDS; HAMEEDULLAH JAMALI

16:15

- [545] GREEN GROWTH AND THE CRITICAL ISSUE OF THE GENUINE SAVINGS PATH FOR AN OPEN CAPITAL-SHORT ECONOMY: THE CASE OF EMERGING COUNTRIES  
PATRICK SCHEMBRI\*; KATIA RADJA; GUILLAUME BAILLY

● SESSION 67 / GUANABARA IV

15:15-16:45

## CLIMATE CHANGE, FUELS AND “GREEN GROWTH”

### Chair

- Panagiotis Kalimeris

15:15

- [722] 1. ECONOMICS OF EMISSION TRADING IN THE CONTEXT OF KYOTO PROTOCOL FOR GREENHOUSE GAS REDUCTION  
KISHORE K DHAVALA\*; MAHADEV BHAT

15:45  
[695] ENVIRONMENTAL EVALUATIONS OF 2ND AND 3RD GENERATION BIOFUELS: WHAT CAN META-REGRESSION ANALYSIS TELL US ABOUT VARIATIONS IN GREENHOUSE GAS (GHG) EMISSIONS ESTIMATED WITH LIFE CYCLE ASSESSMENT (LCA) APPROACH? FABIO MENTEN\*; BENOIT CHEZE; FRÉDÉRIQUE BOUVART

16:00  
[555] GROWTH AND THE NATURAL RESOURCES: A COMING TRANSITION TOWARDS “LEAN GROWTH”? A META-ANALYSIS CONTRIBUTION TO THE ENERGY - GDP CAUSALITY AND ENERGY SCARCITY DEBATES PANAGIOTIS KALIMERIS\*; KOSTAS BITHAS

16:15  
[634] A RICARDIAN ANALYSIS OF THE IMPACT OF CLIMATE CHANGE ON EUROPEAN AGRICULTURE STEVEN VAN PASSEL\*; ROBERT MENDELSON

● SESSION 68 / GUANABARA V

15:15-16:45

## ADDRESSING COMPLEXITY IN ECOLOGICAL ECONOMICS

### Chair

● John Gowdy

15:15  
[237] URBAN METABOLISM: MAJOR FLOWS, MAJOR ISSUES FOR DEMATERIALISATION. SOME RESULTS FROM FRENCH CASE STUDIES SABINE BARLES\*; PETROS CHATZIMPIROS; EUNHYE KIM

15:30  
[547] ADDRESSING COMPLEXITY WITH FOOTPRINT ACCOUNTING AND NETWORK VISUALIZATION WHILE INTEGRATING OPEN INNOVATION IN SUSTAINABILITY ASSESSMENT OF URBAN AREAS - ADCONET TOBIAS LUTHE\*; JORIS VAN WEZEMEAEL; JAN SILBERBERGER; FRANZISKA HASSELMANN

15:45  
[505] THE ESTIMATION OF INDIVIDUAL-LEVEL MODELS AS A WAY TO EXPLORE PREFERENCE HETEROGENEITY AND RESPONDENT'S BEHAVIOURAL RULES MAREK GIERGICZNY\*; MIKOLAJ CZAJKOWSKI

16:00  
[743] HYPERBOLIC DISCOUNTING AND BEYOND JOHN GOWDY\*; BARKLEY ROSSER; LORRAINE ROY

16:15

[1110] HYPERBOLIC DISCOUNTING AND OPTIMAL ROTATION  
ANDERS HANSEN\*

● SESSION 69 / GUANABARA VI

15:15-16:45

## **CLIMATE ADAPTATION**

### **Chair**

● Amamika Barua

15:00

[789] ARE OLDER GENERATIONS ALSO TO BE BLAMED FOR CLIMATE  
CHANGE?  
LUCAS CHANCEL\*

15:15

[651] CLIMATE CAPITALISM: HOW DID WE GET HERE? AN  
EVOLUTIONARY ECONOMIC ANALYSIS OF CARBON TRADING  
PASCAL VAN GRIETHUYSEN\*

15:30

[624] BUILDING RESILIENCE TO CLIMATE CHANGE - AN ALTERNATIVE  
APPROACH TO REDUCE VULNERABILITY OF MOUNTAIN  
COMMUNITIES  
ANAMIKA BARUA\*; PERNILLE GOOCH

## MONDAY, JUNE 18

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● SESSION 19 / MADRID I

09:00-10:30

### VALUING ECOSYSTEM SERVICES

#### Chair

● Stefan Baumgartner

09:00

[1057] COMPARISON BETWEEN PAST AND CURRENT ECOSYSTEM SERVICES REVEALS IMPORTANT DRIVERS OF SOCIAL-ECOLOGICAL CHANGES IN PARATY, SOUTHEASTERN COASTAL BRAZIL  
LUIZ EDUARDO CHIMELLO DE OLIVEIRA\*; FIKRET BERKES

09:15

[1069] ECOSYSTEM SERVICES OF THE ATLANTIC FOREST  
MORENA MILLS\*; JEAN PAUL METZGER; HUGH POSSINGHAM

09:30

[145] QUANTIFYING THE ECONOMIC INSURANCE VALUE OF ECOSYSTEM RESILIENCE - THE WALKER ET AL. (2010) CASE STUDY FROM SOUTH EAST AUSTRALIA  
MORITZ A. DRUPP\*

09:45

[264] INCOME DISTRIBUTION AND WILLINGNESS TO PAY FOR ECOSYSTEM SERVICES  
STEFAN BAUMGÄRTNER\*; MORITZ A. DRUPP; JAN M. MUNZ;  
JASPER N. MEYA; MARTIN F. QUAAS

● SESSION 20 / MADRID II

09:00-10:30

### CHALLENGES OF COMMUNITY RESOURCE GOVERNANCE - III

#### Chair

● Brian Kelly

09:00

[185] FROM INDIVIDUAL INNOVATION TO COLLECTIVE CAPABILITIES FOR COMMUNITY RESOURCE MANAGEMENT  
DIDIER BAZILE\*; JÉRÔME PELENC

09:30  
[740] MULTI-ACTOR PARTNERSHIP TO IMPROVE IMPLEMENTATION OF CONSERVATION POLICIES: LESSONS FROM THE AMAZON FRONTIER  
PAULA BERNASCONI\*; JOAO PAULO SOARES DE ANDRADE;  
CAROLINA DE OLIVEIRA JORDÃO

09:45  
[1022] GOVERNANCE NETWORK DESIGN: A CASE STUDY ANALYSIS OF VERMONT  
BRIAN KELLY\*

10:00  
[1123] NATIONAL GOVERNMENT, LOCAL NORMS AND COMMUNITY: A COMPLEX EQUATION FOR ENVIRONMENT IMPROVEMENT. THE CASE OF SIERRA DE SANTA MARTA  
CARMELINA RUIZ\*

● SESSION 21 / MADRID III

09:00-10:30

## **ECONOMICS AND ECOLOGY: TRANSDISCIPLINARY CONVERSATIONS - V**

### **Chair**

• Alexandros Gasparatos

09:00  
[1005] INTEGRATED ASSESSMENT OF URBAN ECOSYSTEM SERVICES BY SOCIAL MULTI-CRITERIA EVALUATION  
JOHANNES LANGEMEYER\*; ERIK GOMEZ BAGGETHUN

09:15  
[737] CONCEPTUALIZING THE ROLE OF BIODIVERSITY IN A GREEN ECONOMY  
ALEXANDROS GASPARATOS\*; KATHY J. WILLIS

09:30  
[763] ECONOMY AND ECOLOGY - 21ST CENTURY CHALLENGE  
GEORGE BALAN\*; CONSTANTIN IVAN

09:45  
[511] AN ECOLOGICAL-ECONOMIC FRAMEWORK TO PROJECT FUTURE IMPACTS OF URBANIZATION ON BIODIVERSITY USING PARCEL SCALE DATA AND ENDOGENOUS LAND USE (PLAN) ZONING.  
GHISLAIN GENIAUX\*; CLAUDE NAPOLÉONE; RUPPERT VIMAL;  
JACQUES LEPART

**FOOD SECURITY: WHO SOWS? WHO REAPS? - III**

**Chair**

● Mildred Gustack Delambre

09:00

[1095] DOES THE TRADE PARTNER MATTERS? AN ANALYSIS OF THE INTERNATIONAL TRADE ENVIRONMENTAL SPECIALIZATION PATTERNS IN BRAZIL  
MARIA CECILIA JUNQUEIRA LUSTOSA\*

09:15

[371] A PLANET WITHOUT FARMERS? FOOD PRODUCTION, INCLUSIVE DEVELOPMENT AND ECOLOGY: HISTORICAL EVIDENCES FOR A NEW DEAL  
BRUNO DORIN\*; JEAN-CHARLES HOURCADE

09:30

[519] FOOD SOVEREIGNTY IN BRAZIL - ALTERNATIVES IN PERMACULTURE  
MILDRED GUSTACK DELAMBRE\*

09:45

[1091] BRAZILIAN BIODIESEL PROGRAM AND ITS IMPACTS ON INCOME AND FOOD SECURITY OF FAMILY FARMERS: CASES FROM THE AMAZON REGION  
MARCUS VINICIUS ALVES FINCO\*; FERNANDA DIAS BARTOLOMEU  
ABADIO FINCO

10:00

[798] ECOLOGIC URBAN AGRICULTURE IN COLOMBIA AND ITS CONTRIBUTION TO SUSTAINABLE DEVELOPMENT AND FOOD SOVEREIGNTY  
LIGIA PAOLA GONZÁLEZ WILCHES

**GOVERNING ENVIRONMENTAL BEHAVIOR**

**Chair**

● Elissaios Papyrakis

09:00

[622] THE 'GOVERNANCE CHECK': ASSESSING THE INSTITUTIONAL FRAMEWORK FOR THE BEHAVIOUR OF ENVIRONMENTAL PUBLIC DECISION MAKERS  
VOLKER MAUERHOFER\*

09:15  
[647] IS THERE A DUTCH DISEASE ACROSS CANADIAN PROVINCES?  
ELISSAIOS PAPYRAKIS\*; OHAD RAVEH

09:30  
[848] ENVIRONMENTAL INJUSTICE IN CHINA  
CHUNBO MA\*; ETHAN SCHOOLMAN

09:45  
[175] ENVIRONMENTAL PERFORMANCE IN SOCIALLY FRAGMENTED  
COUNTRIES  
ELISSAIOS PAPYRAKIS\*

● SESSION 24 / MADRID VI

09:00-10:30

### MEASURING GREEN GROWTH - I

#### Chair

• Simron Jit Singh

09:00  
[291] SOUTH-NORTH CONVERGENCE AND DIVERGENCE IN A  
SCHUMPETERIAN MODEL OF GROWTH  
MICHAEL HUEBLER\*

09:15  
[293] INDIA'S BIOPHYSICAL ECONOMY, 1961-2008: SUSTAINABILITY IN  
A NATIONAL AND GLOBAL CONTEXT  
SIMRON JIT SINGH\*; FRIDOLIN KRAUSMANN

09:30  
[301] RETHINKING DEVELOPMENT: BALANCING EMPLOYMENT  
CREATION AND ENVIRONMENTAL SUSTAINABILITY  
MARIA SABRINA DE GOBBI\*; MAKIKO MATSUMOTO

● SESSION 25 / MADRID I

13:30-15:00

### MORES AND MORALS: TOWARD AN ENVIRONMENTAL ETHIC

#### Chair

• Paul Safanov

13:30  
[1128] ENVIRONMENTAL BEHAVIOR AND SUSTAINABILITY EDUCATION:  
LESSONS FROM USING INFORMATION TECHNOLOGY INSIDE AND  
OUTSIDE THE CLASSROOM  
PAUL SAFONOV\*



13:45  
[140] ECOSYSTEM SERVICES AND SOCIAL JUSTICE. CONSIDERING  
ACCESS RIGHTS TO ECOSYSTEM SERVICES IN SOCIAL JUSTICE  
THEORIES  
STEFANIE GLOTZBACH\*

14:00  
[148] ARE UNIVERSITIES UNDERMINING THEIR SUSTAINABILITY  
COMMITMENTS IN INTRODUCTORY ECONOMICS COURSES? A  
CANADIAN CASE STUDY  
TOM L GREEN\*

14:30  
[394] ECOLOGICAL INEQUALITIES: HOW TO LINK UNEQUAL ACCESS TO  
ENVIRONMENT WITH THEORIES OF JUSTICE?  
ALEXANDRE BERTHE\*; SYLVIE FERRARI

● SESSION 26 / MADRID II

13:30-15:00

## **POLITICAL ECOLOGY AND ECOLOGICAL CONFLICTS - I**

### **Chair**

● Helen Louise Murphy

13:30  
[81] ECOLOGICAL CONFLICTS IN THE CAPE YORK PENINSULA: THE  
COMPLEX NATURE OF THE BLACK-GREEN DIVIDE  
HELEN LOUISE MURPHY\*

13:45  
[188] THE IMPLICATIONS OF (UN)SUSTAINABLE CITIES FOR SOCIAL  
REPRODUCTION  
LOU WILSON\*; KERI CHIVERALLS

14:00  
[716] TRANSITION AS DISCOURSE AND THE ISSUES OF PLANNING,  
ENVIRONMENTAL JUSTICE, AND INNOVATION  
RENÉ AUDET\*

14:15  
[680] SOCIAL-MULTI CRITERIA EVALUATION OF ALTERNATIVE  
GEOTHERMAL POWER SCENARIOS: THE CASE OF MT. AMIATA IN  
ITALY  
MATTEO BORZONI\*; RIZZI FRANCESCO; FREY MARCO

14:45  
[730] CAN AQUACULTURE PREVENT DEFORESTATION IN THE PERUVIAN  
AMAZON  
W BOWMAN CUTTER; ALEC HALPERN\*; WAGNER GUZMAN  
CASTILLO

## **POLLUTION AND POLITICS**

### **Chair**

● Laura Maxim

13:30

[135] SUSTAINABLE CHEMISTRY: A NEW MODEL OF RESEARCH & INNOVATION?  
LAURA MAXIM\*

13:45

[366] THE COST OF ACCIDENTAL OIL SPILLS IN THE ARCTIC  
CECILIA HÅKANSSON\*; MARIA NORING; LINUS HASSELSTRÖM

14:00

[771] SUSTAINABLE PRODUCTION AND TRADE IN PALM OIL IN ASIA:  
ROLE OF ENVIRONMENTAL INITIATIVES  
GAMINI HERATH\*

14:15

[841] CLASSIFICATION AS ANTICIPATION? CLOSURES AND OPENINGS  
IN THE PROCESS OF DEVELOPING CRITERIA FOR ENDOCRINE-  
DISRUPTING CHEMICALS  
NINA HONKELA\*

## **SUSTAINABLE CONSUMPTION - II**

### **Chair**

● Jutta Gutberlet

13:30

[348] THE SOLIDARITY ECONOMY OF COOPERATIVE RECYCLING:  
TRANSITION TOWARDS A GREEN ECONOMY?  
JUTTA GUTBERLET\*

13:45

[370] FOOD SECURITY, CULTURAL REINFORCEMENT AND SUSTAINABLE  
MANAGEMENT OF TRACAJÁ, THE YELLOW SPOTTED RIVER  
TURTLE - PODOCNEMIS UNIFILIS - IN THE XINGU INDIGENOUS  
PARK  
JOSÉ ROBERTO MOREIRA\*; FÁBIO DE OLIVEIRA FREITAS; RAFAEL  
ANTÔNIO MACHADO BALESTRA; PAULO DIAS FERREIRA JÚNIOR;  
ANTÔNIO ALENCAR SAMPAIO; ANA PAULA GOMES LUSTOSA;  
ARTUR JORDÃO DE MAGALHÃES ROSA; SAMUEL REZENDE PAIVA

14:00

[389] LIFESTYLE PRACTICES AND PRO-ENVIRONMENTAL TECHNOLOGY  
JONN AXSEN\*; JENNIFER TYREEHAGEMAN; ANDY LENTZ

● SESSION 29 / MADRID V

13:30-15:00

### THE ECONOMICS AND POLITICS OF CLIMATE CHANGE - III

#### Chair

● Philip Lawn

13:30

[353] AN ENERGY R&D FUND FOR ENERGY PARADIGM TRANSITIONS:  
MACRO AND MICRO SCALE ANALYSIS  
GEORGIOS KARAKATSANIS\*

13:45

[231] TOWARDS A CLIMATE CHANGE SCENARIO THAT IS ECOLOGICALLY  
SUSTAINABLE, FAIR, AND WELFARE-INCREASING  
PHILIP LAWN\*

14:00

[254] A SECTORAL ASSESSMENT OF THE EU DECARBONISATION  
ROADMAP 2050  
MICHAEL HUEBLER\*; ANDREAS LOESCHEL

14:30

[363] LINKING NATIONAL EMISSIONS TRADING SYSTEMS WITH THE EU  
ETS: A BOTTOM-UP APPROACH FOR FUTURE GLOBAL EMISSIONS  
TRADING  
SEBASTIAN ROBERT GOERS\*; BARBARA PFLÜGLMAYER

● SESSION 30 / MADRID VI

13:30-15:00

### THE ENERGY QUESTION - II

#### Chair

● Deborah Rogers

13:30

[111] SHALE GAS OR SHELL GAME?  
DEBORAH ROGERS\*

13:45

[304] STIMULATING INNOVATION IN GREEN TECHS: EVIDENCE BASED  
ON PATENTS VALUE FOR WIND POWER  
MARC BAUDRY\*; BEATRICE DUMONT

14:00

- [298] FUNCTIONAL SERVICE ECONOMY: A PATHWAY TO REAL ENERGY SAVINGS? THE CASE OF VEHICLE RENTAL BY FRENCH HOUSEHOLDS  
CHARLOTTE FOURCROY\*; AMANDINE CHEVALIER

● SESSION 31 / MADRID I

15:15-16:45

### **BALANCING NATURE: PEOPLE, BIODIVERSITY AND RESILIENCE - III NON-TIMBER FOREST PRODUCTS**

#### **Chair**

- Alfredo Kingo Homma

15:15

- [396] FURTHER COMMERCIALISATION OF A WEST AFRICAN NTFP - AN INVESTIGATION OF THE SOUMBALA VALUE CHAIN IN BURKINA FASO  
METTE KRONBORG\*; ANNE METTE LYKKE; METTE TERMANSEN;  
ANDERS BARFOD

15:30

- [184] THE FORMATION OF BABAÇU IN DEGRADED AREAS BY HUMAN ACTION IN SOUTHEAST PARÁ, BRAZIL: ITS IMPORTANCE FOR RECOVERY OF LEGAL RESERVE AREAS  
SANDRA MARIA NEIVA SAMPAIO\*; ALFREDO KINGO OYAMA HOMMA; ANNE ELISABETH LAQUES; IZILDINHA SOUZA MIRANDA;  
DANIELLE MITJA

15:45

- [330] ECONOMICS OF MEDICINAL AND AROMATIC PLANTS IN RURAL HOUSEHOLDS OF JUMLA DISTRICT, NEPAL  
DHANANJAYA LAMICHHANE\*

16:00

- [341] AGRARIAN DISTRESS AND SUSTAINABLE LIVELIHOOD OPPORTUNITIES IN KUTTANAD IN KERALA (INDIA)  
RAJALAKSHMY NANDAGOPAL\*

● SESSION 33 / MADRID III

15:15-16:45

### **FOOD SECURITY: WHO SOWS? WHO REAPS? - IV**

#### **Chair**

- Sangeetha Ramachandran Parthasarathi

15:15

- [612] WILL THE SEEDS OF TECHNOLOGICAL ADVANCEMENTS HARVEST

FOOD SECURITY? ROLE OF TRANS-NATIONAL CORPORATIONS  
SANGEETHA RAMACHANDRAN PARTHASARATHI\*

15:30

[766] CONSERVATION FARMING IN SÉNÉGAL: CASE OF TOUBACOUTA  
DJIBRIL OUATTARA\*

15:45

[48] THE SUSTAINABILITY OF SOYBEAN PRODUCTION IN BRAZIL: A  
REVIEW  
JAMES AUGUSTO PIRES TIBURCIO\*

16:00

[263] BIOFUELS, FOOD SECURITY AND REGIONAL DEVELOPMENT: A  
MULTIPLE OBJECTIVE MODEL FOR CROPLAND ALLOCATION  
OUTLINED TO ASSESS MICROALGAE'S POTENTIAL CONTRIBUTION  
TO THE NORTHEAST REGION OF BRAZIL  
MATIAS G BOLL\*; PINGSUN LEUNG

● SESSION 34 / MADRID IV

15:15-16:45

## GOVERNING ENVIRONMENTAL BEHAVIOR

### Chair

● Jan Börner

15:15

[333] MATCH POINT: EMPIRICAL EVIDENCE FROM FOREST  
CONSERVATION LAW ENFORCEMENT IN THE BRAZILIAN AMAZON  
JORGE HARGRAVE\*; JAN BÖRNER; KRISZTINA KIS-KATOS;  
KONSTANTIN KÖNIG

15:30

[66] FROM RED TO GREEN: ACHIEVING AN ENVIRONMENTAL PACT AT  
THE MUNICIPAL LEVEL IN PARAGOMINAS (PARÁ, BRAZIL)  
CECILIA VIANA\*; EMILIE COUDEL; JOS BARLOW; JOICE FERREIRA;  
TOBY GARDNER; LUKE PARRY

15:45

[261] TOWARDS A BETTER UNDERSTANDING OF MOTIVATIONS FOR  
ENVIRONMENTAL COMPLIANCE IN THE BRAZILIAN AMAZON  
EMILIE COUDEL\*; MARIE-GABRIELLE PIKETTY; MARTINE ANTONA;  
CECILIA VIANA; JOS BARLOW; JOICE NUNES FERREIRA; TOBY ALAN  
GARDNER; LUKE PARRY

16:00

[609] DISENTANGLING LANDUSERS' PERSPECTIVES FOR THE ADOPTION  
OF SILVOPASTORAL PRACTICES: LESSONS FOR TARGETING

CONSERVATION PAYMENTS IN THE TROPICAL FOREST FRONTIER  
AIORA ZABALA\*; UNAI PASCUAL; LUIS GARCIA-BARRIOS

16:15

[168] DEFORESTATION, AGRICULTURE EXPANSION AND AGRICULTURAL  
PRODUCTIVITY IN TROPICAL LATIN AMERICA: IS THERE A JEVONS  
PARADOX?

MICHELE GRAZIANO CEDDIA\*; SABINE SEDLACEK; NICHOLAS  
OLIVER BARDSLEY; SERGIO GOMEZ-Y-PALOMA

16:30

[165] CONSERVATION AGRICULTURE AND PRODUCTIVITY: A PANEL  
ANALYSIS OF NORTH AND SOUTH AMERICA

MIGUEL CHAVES; GRAZIANO CEDDIA\*

● SESSION 35 / MADRID V

15:15-16:45

## MEASURING GREEN GROWTH - II

### Chair

• Brent Bleys

15:15

[308] COMPARING SUSTAINABLE ECONOMIC WELFARE ACROSS THE  
EU-15 COUNTRIES  
BRENT BLEYS\*

15:30

[343] THE FOLLY OF FOLLOWING PAST DEVELOPMENT PATHS: BRAZIL'S  
ERRANT FOCUS ON AMAZONIAN HYDROPOWER  
CARLOS EDUAR FREITAS\*; MIGUEL PETRERE; JAMES RANDALL  
KAHN; JOSEPH DOYLE

15:45

[433] CONSERVATIVE ENVIRONMENTAL INPUT-OUTPUT MULTIPLIERS  
BASED ON SUPPLY AND USE TABLES  
JOAO F. D. RODRIGUES\*

16:00

[442] GREENING THE ECONOMY-MEASURING GREEN GROWTH AND  
SUSTAINABLE CONSUMPTION  
ANIRUDH BHARATI\*

## GLOBAL CHANGE AND EQUITY

### Chair

● Jordi Figueras

15:15

[76] THE 'SILENT CRISIS': CLIMATE CHANGE AND ITS HUMANITARIAN CONSEQUENCES  
CATHERINE LOURDES DY\*

15:30

[256] ECOLOGICAL ECONOMICS AS AN EPISTEMIC COMMUNITY  
GAEL PLUMECOCQ\*

15:45

[682] ANATOMY OF THE INTERNATIONAL DISTRIBUTION OF ECOLOGICAL FOOTPRINT: INEQUALITY AND POLARIZATION APPROACHES  
JORDI TEIXIDÓ FIGUERAS\*; JUAN ANTONIO DURO MORENO

16:00

[823] THE GLOBAL NATURAL RESOURCE CONSUMPTION TAX  
SALLY ANN JOSEPH\*

## ENVIRONMENTAL JUSTICE, ETHICS AND VALUES

### Chair

● Bénédicte Rulleau

09:15

[630] ESTIMATING EQUITY PREFERENCES: AN ANALYSIS OF COMPETING SOCIAL JUSTICE PRINCIPLES  
HELEN SCARBOROUGH\*; JEFF BENNETT; MICHAEL BURTON

09:30

[756] ECOLOGICAL MODERNIZATION TODAY: A POLICY MAKERS' PERSPECTIVE  
GABRIEL LEGARÉ\*; CORINNE GENDRON; ALICE FRISER; JOHANNA EGOROFF

09:45

[700] ON THE PATRIMONIALISATION OF THE ENVIRONMENT AND OF ITS VALUES: TWO SHARED PERSPECTIVES  
VINCENT BANOS\*; BÉNÉDICTE RULLEAU

## AGROECOLOGICAL TRANSITIONS

### Chair

• Koen Mondelaers

09:00

[765] AGROECOLOGY AND SOLIDARITY ECONOMICS: A SUSTAINABLE SYMBIOSIS  
LÚCIO ANDRÉ DE OLIVEIRA FERNANDES\*; GIZELA LEITZKE GOTUZZO

09:15

[1076] PESTICIDE EXPORT TO INSTITUTIONALLY VULNERABLE COUNTRIES, WHO IS RESPONSIBLE? AN ASSESSMENT OF THE PRACTICES AND STRATEGIES OF A DANISH COMPANY IN BRAZIL  
MICHAEL SOEGAARD JOERGENSEN\*; BRUNO MILANEZ

09:30

[754] STIMULATING AGRICULTURAL GREEN GROWTH THROUGH ADAPTIVE SUBSIDIZING BASED ON SUSTAINABILITY PERFORMANCE  
KOEN MONDELAERS\*; LUDWIG LAUWERS; GUIDO VAN HUYLENBROECK

## BIOFUELS REGULATION

### Chair

• Per Arild Garnåsjordet

09:00

[698] ENVIRONMENTAL REGULATION OF COUNTRIES IN THE WTO: AN ILLUSTRATION FOR THE BRAZILIAN ETHANOL  
NATHALIA GALERA SILVA; SILVIA HELENA GALVÃO DE MIRANDA

09:15

[106] BIO-FUELS LESSONS: CONSIDERING THE TANZANIAN JATROPHA CRISIS AND BEYOND  
NADRA OSMAN HASHIM

09:30

[63] SUSTAINING AGRICULTURE WHILE GREENING THE ECONOMY: MODERN POLITICAL ECONOMY OF FOOD AND ENERGY SECURITY  
NAZIA MINTZ-HABIB



09:45

- [930] HOW SUSCEPTIBLE INDIA'S FOOD BASKET IS TO THE CLIMATE CHANGE?  
BRAJESH JHA; AMARNATH TRIPATHI

● SESSION 73 / GUANABARA V

09:00-10:30

## FISHERIES MODELING AND POLICIES

### Chair

● Vinicius Melo

09:00

- [834] APRO281 - PUBLIC POLICY FOR THE FISHING INDUSTRY IN BRAZIL: SUSTAINABILITY THREATENED?  
VINICIUS PAGANI MELO\*; LUCIANA TOGEIRO DE ALMEIDA

09:15

- [956] APRO282 - AN ECOSYSTEM APPROACH TO THE SMALL PELAGIC FISHERIES: FROM MODEL TO ROLE PLAYING GAME  
GUILLAUME PÉRON\*; CHRISTIAN MULLON; GORKA MERINO;  
MANUEL BARANGE; HAROLD LEVREL

09:30

- [1000] APRO283 - MODELING THE STOCHASTIC DYNAMICS OF THE AGGREGATE STOCK IN COLLAPSED FISHERIES: THE CASE OF THE NORTHERN COD  
JOSE M. MAROTO\*; MANUEL MORAN CABRE

09:45

- [129] ORPSA284 - AN INVESTIGATION INTO THE RELATIONSHIP BETWEEN FISH BIODIVERSITY AND PROFIT MAXIMISATION  
ANITA CHATTOPADHYAY GUPTA\*

● SESSION 74 / GUANABARA VI

09:00-10:30

## POLITICAL ECOLOGY AND ECOLOGICAL CONFLICTS - IV

### Chair

● Helen Suich

09:00

- [966] APRO284 - INFRASTRUCTURE INVESTMENTS ON AMAZON REGION: BRAZILIAN ECONOMIC GROWTH IN THE WRONG DIRECTION?  
BEATRIZ MACCHIONE SAES\*; BRUNO PEREGRINA PUGA; PAULA BERNASCONI; JOANA SALÉM VASCONCELOS

09:15  
[910] APRO285 - DEFORESTATION, DECENTRALISATION AND  
CORRUPTION  
HELEN SUICH\*; LUCA TACCONI

09:15  
[908] APRO285 - THE IMPACTS ON POVERTY OF COMMUNITY BASED  
NATURAL RESOURCE MANAGEMENT  
HELEN SUICH\*

● SESSION 75 / GUANABARA I 13:30-15:00

## MODELS OF GREEN GROWTH

### Chair

•Helen Suich / Roxana Juliá

13:00  
[952] RESOURCE EFFICIENCY AND DECOUPLING GDP GROWTH FROM  
NATURAL RESOURCE USE: INTEGRATING ECONOMIC AND  
ECOSYSTEM APPROACHES  
JEAN-LOUIS WEBER\*; JOCK MARTIN

13:30  
[344] A BIOECONOMIC MODEL OF SUSTAINABLE SMALL-SCALE  
FISHERIES IN A HIGHLY INTACT AREA OF THE BRAZILIAN AMAZON  
JAMES RANDALL KAHN\*; CARLOS EDUAR FREITAS; LARRY HURD;  
MIGUEL PETRERE; ALEXANDRE RIVAS

13:45  
[965] FOOD SECURITY, POPULATION GROWTH AND CLIMATE CHANGE:  
IMPLICATIONS FOR FORESTLAND CONVERSION AND GLOBAL  
FOOD PRICES  
ROXANA JULIÁ\*; FAYE DUCHIN

14:15  
[901] MEASUREMENT OF GREEN GROWTH: A CASE STUDY OF INDIA  
RAKESH KUMAR SAXENA\*

● SESSION 76 / GUANABARA III 13:30-15:00

## GREEN ECONOMY ISSUES IN ASIA

### Chair

•Richard Weisskoff

15:00  
[89] THE MALAYSIAN GREEN ECONOMY DEVELOPMENT EXPERIENCE:

AN INSTITUTIONAL FEASIBILITY STUDY OF BIOFUELS  
NAZIA MINTZ-HABIB

15:15

[552]

1. THE CONTRIBUTION OF HIMALAYAS ECOSYSTEMS IN WATER, ENERGY, AGRICULTURE AND FOOD SECURITY IN SOUTH ASIA  
GOLAM RASUL; DAVID MOLDEN

15:30

[769]

EXISTENCE VALUE OF KODAGU DEVARA KADU, SACRED GROVES IN INDIA  
CHANDRAKANTH GANGADHARIAH MYSORE; ACCAVVA M S;  
MAHADEV GANAPATHI BHAT; NAGARAJA GANGADHARIAH MYSORE; GUIDO VAN HUYLENBROECK

15:45

[1004]

ECOLOGICAL ECONOMICS IN FLORIDA: PARKS, RIVERS, BEACHES, REEFS, MINES, FARMS, AND TRANSMISSION LINES: PRINCIPLES FROM 10 RECENT INTERVENTIONS  
RICHARD WEISSKOFF

● SESSION 77 / GUANABARA IV

13:30-15:00

**ENVIRONMENTAL GOVERNANCE AND SOCIAL JUSTICE**

**Chair**

● Joseph Weiss

13:30

[1062]

TWENTY YEARS OF BRAZILIAN NATIONAL ECOLOGICAL CONFLICTS  
JOSEPH S WEISS\*; ELIMAR P. NASCIMENTO

13:45

[984]

SUSTAINABILITY AS A PUBLIC NATIONAL PURPOSE  
VANESSA BOANADA FUCHS\*; ANTHONY BOANADA-FUCHS

14:00

[988]

EXPLORING THE HARDSHIP OF INSTITUTIONAL DESIGN FOR BIODIVERSITY CONSERVATION: THE CASES OF THE GREY WOLF (FINLAND), THE AMUR TIGER (RUSSIA) AND THE BIG-LEAF MAHOGANY (PERU)  
JUHA HIEDANPAA\*; JUHA KOTILAINEN; MATTI SALO

14:15

[51]

GREENING THE WATER ECONOMY BY IMPLEMENTING A SUSTAINABLE MANAGEMENT AND INTEGRATING RENEWABLE ENERGY AND SUSTAINABLE WATER SUPPLY  
MARLEN ARNOLD\*; THOMAS PIEPER

14:30

- [139] ESTIMATING OPTIMAL CONSERVATION FEES IN THE PRESENCE OF LAND RESTITUTION IN THE KGALAGADI TRANSFRONTIER PARK BETWEEN BOTSWANA AND SOUTH AFRICA  
JOHANE DIKGANG\*; EDWIN MUCHAPONDWA

● SESSION 78 / GUANABARA V

13:30-15:00

## **BALANCING NATURE: PEOPLE, BIODIVERSITY AND RESILIENCE**

### **Chair**

- Enrique Ortega

13:30

- [1073] CRITICAL ANALYSIS OF GREEN ECONOMY PROPOSAL  
ENRIQUE ORTEGA\*

13:45

- [1100] THE ECONOMICS AND ETHICS OF SMALL-SCALE HOUSEHOLD SOLAR POWER FOR REMOTE RURAL VILLAGES IN BANGLADESH  
A. K. ENAMUL HAQUE\*; MD RUMI SHAMMIN

14:30

- [1011] WIND POWER DEVELOPMENT ON SAAMI LANDS: THE POLITICAL ECOLOGY OF RESOURCE MANAGEMENT, CLIMATE CHANGE AND INDIGENOUS RIGHTS.  
ANETT SASVARI\*

14:45

- [1039] A GREEN DILEMMA: WATER FOR ENERGY OR WATER FOR AGRICULTURE?  
KLODJAN RAMA\*; INSA THEESFELD

● SESSION 79 / GUANABARA VI

13:30-15:00

## **GENDER AND TRANSITIONS**

### **Chair**

- Lynn Dugan

13:30

- [268] GENDER, RISK, AND THE PRECAUTIONARY PRINCIPLE  
JULIE NELSON\*

14:00

- [909] FEMINIST ECONOMICS AND EMULATION: COMPOUNDING

EFFECTS ON WORK HOURS, CARE WORK, ECOSPHERE, AND  
COMMUNITY  
LYNN S DUGGAN\*

● SESSION 80 / GUANABARA I

15:15-16:45

## **CORPORATE GOVERNANCE AND RISK MANAGEMENT**

### **Chair**

● Analice Araujo Silva

15:15

[405] LOCAL GOVERNANCE, COOPERATION AND THE DISCIPLINING  
HAND OF REPUTATION: EXPERIMENTAL EVIDENCE FROM URBAN  
COMMUNITIES IN COSTA RICA  
ELISABETH GSOTTBAUER

15:30

[911] THE MANAGEMENT OF SOCIOENVIRONMENTAL RISKS AS AN  
EFFECTIVE INSTRUMENT OF SUSTAINABILITY : A CASE OF OIL AND  
GAS INDUSTRY IN BRAZIL  
ANALICE ARAUJO SILVA; ANA CÉLIA CASTRO

16:00

[1002] GOING BEYOND ENFORCEMENT: THE PATH TO A SUSTAINABLE  
TIMBER INDUSTRY IN BRAZILIAN AMAZON, AN ECOLOGICAL-  
ECONOMIC MODEL  
SERGIO MEDEIROS RIVERO

● SESSION 81 / GUANABARA III

15:15-16:45

## **ENERGY AND MINING IMPACTS**

### **Chair**

● Bhaskar Ghosh

15:15

[199] PRESENT AND FUTURE IN BUILDING RESILIENT CITY: A  
METHODOLOGICAL PROPOSAL FOR EVALUATION AND  
ADAPTATION OF OIL INDUSTRY PLANTS ON THE COAST OF BRAZIL,  
AGAINST EXTREME NATURAL EVENTS AND TECHNOLOGICAL RISKS  
GLEIDE BORGES MORAES LACERDA\*; CÉLIA REGINA GOUVEIA  
SOUZA; CORBINIANO SILVA; EURIDICE S. MAMEDE ANDRADE;  
MARCOS AURELIO V. FREITAS

15:30

[409] PUBLIC ATTITUDES VS. INSTITUTIONAL FRAMEWORKS IN THE

DIFFUSION OF WIND ENERGY: EVIDENCE FROM THE LITERATURE  
AND FROM AN ITALIAN CASE STUDY

PASQUA L'ABBATE\*; LUCIO LAURETI; TOMMASO LUZZATI

15:45

[424] MINING INDUCED ACQUISITION OF COMMUNITY LAND, INTEREST  
CONFLICT AND POSSIBLE INSTITUTIONS OF CONFLICT RESOLUTION  
FOR SUSTAINABLE DEVELOPMENT: AN ANALYTICAL APPROACH  
LEKHA MUKHOPADHYAY\*; BHASKAR GHOSH

● SESSION 82 / GUANABARA IV

15:15-16:45

## FORESTS AND CLIMATE CHANGE

### Chair

● Asim Zia

15:15

[632] WHY GLOBAL SOCIAL WELFARE FUNCTIONS COULD NOT BE PRE-  
DEFINED? TOWARDS ADAPTIVE, DECENTRALIZED AND  
DEMOCRATICALLY ANCHORED GLOBAL GOVERNANCE OF  
TROPICAL FORESTS  
ASIM ZIA\*; STUART KAUFFMAN

15:45

[653] SHOULD I BUY? WHAT SHOULD I BUY? - THE EFFECT OF  
NORWEGIAN CONSUMERS' ATTITUDES AND PERCEPTIONS ON  
HEATING INVESTMENTS WITH BIOMASS ENERGY  
SHULING CHEN LILLEMO\*; FRODE ALFNES; BENTE HALVORSEN;  
METTE WIK

16:00

[761] ALTERNATIVE APPROACHES TO VALUING CARBON  
SEQUESTRATION IN MANGROVES  
MEENAKSHI JERATH\*; MAHADEV G BHAT; VICTOR H RIVERA-  
MONROY

● SESSION 83 / GUANABARA V

15:15-16:45

## CHALLENGES OF COMMUNITY RESOURCE GOVERNANCE

### Chair

● Jacob Nunoo

15:15

[125] CLIMATE CHANGE, AGRICULTURAL INCOME AND FOOD SECURITY  
ISSUES IN MALAYSIA: FARM LEVEL ASSESSMENT

MD. MAHMUDUL ALAM\*; CHAMHURI SIWAR; WAHID MURAD;  
MOHD EKHWAN TORIMAN

15:30

[246] CHALLENGES TO ENVIRONMENTAL SECURITY IN THE CONTEXT OF  
INDIA-BANGLADESH TRANSBOUNDARY WATER RELATIONS: AN  
AGENDA FOR RESEARCH  
NILANJAN GHOSH\*

15:45

[462] ADAPTATION IN CASE OF INUNDATION OF ISLANDS: AN  
EXPLORATORY STUDY FROM INDIAN SUNDARBANS, A WORLD  
HERITAGE SITE  
RAJARSHI BANERJI\*; INDRILA GUHA; CHANDAN ROY; JOYASHREE  
ROY; SOMNATH BHATTACHARYA

16:00

[464] FARMERS PERCEPTION AND ADAPTATION TO CLIMATE CHANGE:  
EVIDENCE FROM GHANA  
JACOB NUNOO\*; HENRY DE-GRAFT ACQUAH; KWABENA  
NKANSAH DARFOR

16:15

[526] SOCIO-ECONOMIC IMPLICATIONS OF CLIMATE CHANGE: A STUDY  
ON VECTOR BORNE DISEASES (MALARIA) AT MICRO LEVEL  
UMESH BABU M S\*; PUTTAIAH E T

16:30

[699] GRAIN AMARANTH: UNLOCKING MITIGATION AND ADAPTATION  
POTENTIAL OF INTERACTIONS BETWEEN PEOPLE, PLANTS,  
LIVESTOCK AND ENVIRONMENT (PEOPLE)  
LINUS NDONGA\*

● SESSION 84 / GUANABARA VI 15:15-16:45

## INDICATORS FOR MEASURING GREEN GROWTH

### Chair

• Luis Mundaca

15:15

[177] MEASURING PROGRESS TOWARDS A 'GREEN ENERGY  
ECONOMY': PROPOSING AND SCRUTINISING A MULTI-LEVEL  
EVALUATION FRAMEWORK FOR POLICY INSTRUMENTS  
LUIS MUNDACA; BRIAN CLOUGHLEY

15:30

[216] MEASURING FUTURE DYNAMICS OF ALTERNATIVE

SUSTAINABILITY INDICATORS:AN ASSESSMENT OF IPCC SRES  
SCENARIOS

KOJI TOKIMATSU; RYOTA II; RIEKO YASUOKA; MASAHIRO NISHIO;  
KAZUHIRO UETA

15:45

[729]

ADDRESSING A PORTFOLIO OF EFFECTIVE POLICY MEASURES AND  
FINANCIAL MECHANISMS TO ENCOURAGE TECHNOLOGY  
INNOVATION AND TRANSFER OF CLEAN ENERGY TECHNOLOGIES  
IN THE ASIA-PACIFIC REGION  
MASACHIKA SUZUKI

16:00

[119]

A SUMMARY OF ISEW AND GPI STUDIES AT MULTIPLE SCALES,  
NEW ESTIMATES FOR A US CITY AND STATE, AND POLICY  
IMPLICATIONS OF IMPROVED ECONOMIC INDICATORS  
STEPHEN POSNER; ROBERT COSTANZA



## TUESDAY, JUNE 19

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● SESSION 37 / MADRID I

09:00-10:30

### ECONOMICS AND ECOLOGY: TRANSDISCIPLINARY CONVERSATIONS - IV

#### Chair

● Steve Hatfield-Dodds

09:00

[1010] PAYMENT FOR ECOSYSTEM SERVICES MARKETS AND RURAL DEVELOPMENT IN BRAZIL - A CO-EVOLUTIONARY APPROACH  
SHIGEO SHIKI\*; SIMONE DE FARIA NARCISO SHIKI; PATRÍCIA LOPES ROSADO; ELAINE APARECIDA FERNANDES

09:15

[1108] A NEW FRONTIER IN ECOLOGY AND ECONOMICS: ACCOUNTING FOR BIODIVERSITY  
JANE ALEXANDRA MCDONALD\*

09:30

[1138] ADAPTIVE GOVERNANCE: A FRAMEWORK FOR SUPPORTING VALUABLE AND VALUED POLICY CHANGES  
STEVE HATFIELD-DODDS\*

● SESSION 38 / MADRID II

09:00-10:30

### GOVERNING ENVIRONMENTAL BEHAVIOR

#### Chair

● Corinna Altenberg

09:00

[1092] REDUCING HOUSEHOLD CONSUMPTION IN CITIES: HOW PERSONAL GOAL SETTINGS AND URBAN FORM WORK TOGETHER  
CORINNA IRIS ALTENBURG\*; FRITZ REUSSWIG; VERA PETERS

09:15

[142] GOVERNING ENVIRONMENTAL BEHAVIOR OF FIRMS THROUGH MARKET FORCES AND REGULATION: CASE OF SOLID WASTE MANAGEMENT IN AGRI-FOOD PROCESSING SECTOR IN SRI LANKA

UDITH KRISHANTHA JAYASINGHE-MUDALIGE\*; MENUKA  
UDUGAMA

09:30

[302] MEDIA ATTENTION AND THE TOXIC RELEASE INVENTORY  
ROBERT D MOHR\*; SHRAWANTEE SAHA

● SESSION 39 / MADRID III

09:00-10:30

### MEASURING GREEN GROWTH - III

#### Chair

● Carlos Eduardo Brandão

09:00

[50] CSR AND SUSTAINABILITY MANAGEMENT OR ENGAGEMENT - A  
BIG LACK IN THE SHIPPING INDUSTRY  
MARLEN ARNOLD\*

09:15

[541] MEASURING GREEN GROWTH:AN ASSESSMENT OF BRAZILIAN SRI  
FUNDS  
DALIA MAIMON\*

09:45

[890] APRO148 - IS THE CURRENT CORPORATE REGULATORY  
FRAMEWORK FIT FOR SUSTAINABILITY?  
CARLOS EDUARDO BRANDÃO\*

10:15

[1109] INTEGRATING ECOSYSTEM SERVICES VALUATION IN CORPORATE  
DECISION-MAKING: THE MANAGEMENT OF THE "CASCATAS DA  
SERRA DA ESTRELA", A CASE STUDY FROM PORTUGAL  
CRISTINA MARTA-PEDROSO\*; HUGO MIGUEL; SARA CARVALHO  
FERNANDES; TIAGO DOMINGOS

● SESSION 40 / MADRID IV

09:00-10:30

### POLITICAL ECOLOGY AND ECOLOGICAL CONFLICTS - II

#### Chair

● Joshua Farley

09:00

[174] AGREEING TO PAY UNDER VALUE DISAGREEMENT:  
RECONSTRUCTING THE VALUE-TRANSFORMATIVE FRAMEWORK  
OF ECOLOGICAL ECONOMICS IN TERMS OF COMMUNICATIVE

RATIONALITY WITH EVIDENCE FROM A SMALL-GROUP  
DELIBERATION ON CLIMATE CHANGE  
ALEX YH LO\*

09:15

[967] HUMAN BEHAVIOR, ECONOMIC INSTITUTIONS AND THE  
CHALLENGES OF A FULL WORLD  
JOSHUA C FARLEY\*

09:30

[925] WHAT HAVE WE LEARNED ABOUT SOCIAL LEARNING IN  
ECOLOGICAL ECONOMICS?  
BERND SIEBENHUENER\*; ROMINA RODELA

09:45

[897] INTEGRATING DISCIPLINES IN STUDIES OF LAND-USE  
SUSTAINABILITY: METHODOLOGICAL APPROACH OF THE  
SUSTAINABLE AMAZON NETWORK IN BRAZIL  
JOICE FERREIRA\*; TOBY GARDNER; JOS BARLOW; LUKE PARRY;  
CECILIA VIANA; ALEXANDER LEES

● SESSION 41 / MADRID V

09:00-10:30

## POLLUTION AND POLITICS

### Chair

• Markku Letonen

09:00

[468] IS THERE AN INDIGENOUS KNOWLEDGE IN THE URBAN NORTH?  
LOCAL KNOWLEDGE AND ENVIRONMENTAL STRUGGLES OVER  
GARBAGE AND INCINERATORS IN CAMPANIA, ITALY  
MARCO ARMIERO\*

09:30

[1018] TOWARD AN UPDATED ECONOMIC THEORY OF PROPERTY RIGHTS  
BRIAN KELLY\*

09:45

[1067] GEOLOGICAL DISPOSAL OF RADIOACTIVE WASTE AS A  
“MEGAPROJECT”: A SURVEY OF POTENTIAL METHODOLOGIES  
FOR SOCIO-ECONOMIC EVALUATION  
MARKKU LEHTONEN\*

09:45

[477] THE EFFECT OF THE FUKUSHIMA NUCLEAR ACCIDENT ON STOCK  
PRICES OF ELECTRIC POWER COMPANIES  
FUMIKO TAKEDA\*; SHINGO KAWASHIMA; KOICHI TAKEDA

**SUSTAINABLE CONSUMPTION - III**

**Chair**

● Steven Van Passel

09:00

[488] BIRDWATCHING AND SUSTAINABLE CONSUMPTION  
JAKUB KRONENBERG\*

09:30

[532] ECONOMY-WIDE IMPACTS OF CONSUMER RESPONSES TO  
ENVIRONMENTAL INFORMATION DISCLOSURE IN TOKYO AND  
THE OTHER PARTS OF JAPAN  
MASARU ICHIHASHI\*; SATORU KOMATSU; SHINJI KANEKO

09:45

[576] TRANSITIONS TO A REGENERATIVE ECONOMY I: THEORY AND  
IMPLICATIONS  
ALEIX ALTIMIRAS-MARTIN\*

**ECONOMICS AND ECOLOGY: TRANSDISCIPLINARY CONVERSATIONS  
- VII**

**Chair**

● Mateo Cordier

13:30

[128] A DYNAMIC APPROACH TOWARDS SUSTAINABILITY OF  
WATERSHEDS IN INDIA  
KAUSIK GUPTA\*

13:45

[150] INTEGRATION OF ECONOMIC VALUATION AND SPATIAL ANALYSIS  
AS A TOOL TO PRESERVE COASTAL WETLANDS IN SOUTHERN  
SINALOA, MEXICO  
VERA CAMACHO VALDEZ\*; ARTURO RUIZ LUNA; ANDREA  
GHERMANDI; PAULO A.L.D. NUNES

14:00

[195] WHAT IS DEGROWTH? FROM AN ACTIVIST SLOGAN TO A SOCIAL  
MOVEMENT  
FEDERICO DEMARIA\*; FRANCOIS SCHNEIDER; FILKA SEKULOVA;  
JOAN MARTINEZ ALIER

14:30  
[300] QUANTIFICATION OF INTERDEPENDENCIES BETWEEN ECONOMIC SYSTEMS AND ECOSYSTEM SERVICES: AN INPUT-OUTPUT MODEL APPLIED TO THE SEINE ESTUARY  
MATEO CORDIER\*; JOSÉ A. PÉREZ AGÚNDEZ; SÉBASTIEN ROCHETTE; WALTER HECQ

14:45  
[144] FOOD MILES TO ASSESS SUSTAINABILITY: A REVISION  
STEVEN VAN PASSEL\*

● SESSION 44 / MADRID II

13:30-15:00

## **DECOUPLING, TRADE AND PUBLIC EXPENDITURE IN BRAZIL**

### **Chair**

● Luciana Togeiro de Almeida

13:00  
[990] THE BILATERAL TRADE BRAZIL-EUROPEAN UNION: LIMITS FOR THE TRANSITION TO A GREEN ECONOMY?  
LUCIANA TOGEIRO DE ALMEIDA\*; MARCELO FERNANDO MAZZERO; STELA LUIZA DE MATTOS ANSANELLI

13:30  
[903] THE ENVIRONMENTAL VULNERABILITY OF THE BRAZILIAN FOREIGN TRADE  
LUCIANE MASTELARO MOREIRA\*; LUCIANA TOGEIRO DE ALMEIDA

13:45  
[915] HOW GREEN IS MY BUDGET? PUBLIC ENVIRONMENTAL EXPENDITURES IN BRAZIL (2002-2010)  
CARLOS EDUARDO YOUNG\*; ERICO RIAL ROCHA; LEONARDO BARCELLOS DE BAKKER; ANDRÉ FALKENBACH SANTORO

14:00  
[1007] GREEN ECONOMY EVALUATION FOR PROMOTING GREEN GROWTH: THE RIO DE JANEIRO STATE CHALLENGE  
ANDRÉ TEIXEIRA PONTES\*; SANDRINE CUVILLIER; RICARDO GABBAY DE SOUZA; CARLOS EDUARDO DURANGE DE CARVALHO INFANTE; ROGERIO ARAGAO DOS BASTOS VALLE

14:15  
[1054] DECOUPLING AND GREEN TECHNOLOGIES: CASES IN LATIN AMERICA AND THE BRAZILIAN EXPERIENCE  
LUCIANA TOGEIRO DE ALMEIDA\*; MARIA AMÉLIA ENRÍQUEZ

## AGENDA 21: AN ONGOING POLICY AGENDA?

### Chair

● Paulo Mibielli

13:30

[899] FROM RIO-92 TO 2009-LOCAL AGENDA 21 IN BRAZIL: FORWARD AND BACKWARD STEPS  
PAULO GONZAGA MIBIELLI DE CARVALHO\*; CLITIA HELENA BACKX MARTINS; FREDERICO CAVADAS BARCELLOS; GUILHERME GUIMARÃES MOREIRA

13:45

[931] CLIMATE JUSTICE, REDISTRIBUTION, AND ECOLOGICAL ECONOMICS  
PATRICIA PERKINS\*

14:30

[364] FROM RIO TO LOCAL AGENDA 21: LOCAL INVOLVEMENT AND SUSTAINABILITY  
GERT TINGGAARD SVENDSEN\*; URS STEINER BRANDT

## SUSTAINABLE CONSUMPTION - IV

### Chair

● Adrian Smith

13:30

[633] WILL TECHNOLOGICAL PROGRESS BE SUFFICIENT TO EFFECTIVELY LEAD THE AIR TRANSPORT SECTOR TO A SUSTAINABLE DEVELOPMENT? A REPLY BY FORECASTING AND ANALYZING WORLD AND REGIONAL AIR TRAFFIC CO<sub>2</sub> EMISSIONS TO THE MID-TERM (2025)  
BENOIT CHEZE\*; JULIEN CHEVALLIER; PASCAL GASTINEAU

13:45

[597] GRASSROOTS INNOVATION MOVEMENTS AND SUSTAINABLE GREEN ECONOMIES: DILEMMAS, FRAMINGS, POSSIBILITIES  
ADRIAN SMITH\*; ELISA AROND; MARIANO FRESSOLI; HERNAN THOMAS; DINESH ABROL

14:00

[767] UTILISING SYSTEMS THINKING FOR SUSTAINABLE CONSUMPTION: HOW PARTICIPATORY SYSTEMS MAPPING ACHIEVES FOUR TYPES

OF INSIGHT

MICHAL SEDLACKO\*; ANDRE MARTINUZZI; INGE RØPKE;  
FRANCOIS SCHNEIDER; PAULA ANTUNES; NUNO VIDEIRA

14:15

[686] PARENTAL ALTRUISM IN FRESHWATER MANAGEMENT  
YU CHEN\*; MAHADEV BHAT

● SESSION 47 / MADRID V

13:30-15:00

## THE ECONOMICS AND POLITICS OF CLIMATE CHANGE - IV CORPORATE RESPONSIBILITIES

### Chair

● Romain Weikmans

13:15

[46] ISO 26000: COULD A CORPORATE SOCIAL RESPONSIBILITY  
STANDARD PROVIDE A FRAMEWORK FOR INTEGRATING SOCIAL,  
ENVIRONMENTAL AND ECONOMIC GOVERNANCE?  
LOUISE GONSALVEZ\*

13:30

[407] ASSESSING THE COSTS OF ADAPTATION TO CLIMATE CHANGE FOR  
DEVELOPING COUNTRIES: EFFORTS SO FAR AND CHALLENGES  
AHEAD  
ROMAIN WEIKMANS\*

13:45

[661] DOES CSR MAKE A DIFFERENCE FOR ENVIRONMENTAL  
INNOVATORS?  
CHRISTIANE REIF\*; CHRISTIAN RAMMER

14:00

[596] BRASIL'S ENVIRONMENTAL POLICY AS IT REALLY IS  
EDUARDO FERNANDEZ SILVA\*; STEPHANIA MARIA SOUZA; ILÍDIA  
GARRIDO JURAS

● SESSION 48 / MADRID VI

13:30-15:00

## THE ENERGY QUESTION - III

### Chair

● Simone Miraglia

13:15

[52] ENERGY AND CLIMATE CHANGE: A DISCUSSION ABOUT THE  
BRAZILIAN ENERGY MATRIX AND THE IMPORTANCE OF

TRANSPORTATION SECTOR

ANDRÉ LUIZ CAMPOS DE ANDRADE\*; LAURO MATTEI

13:30

[432]

ESTIMATION OF THE BURDEN DUE TO BIOMASS BURNING FROM SUGARCANE: AN ENVIRONMENTAL, HEALTH AND ECONOMIC APPROACH IN THE SÃO PAULO STATE, BRAZIL

LUIS FERNANDO FERNANDO AMATO-LOURENÇO\*; FERNANDO RODRIGUES-SILVA; MICHELINE DE SOUSA ZANOTTI S COELHO; PAULO H. NASCIMENTO SALDIVA; SIMONE G. EL KHOURI MIRAGLIA

13:45

[515]

DECOMPOSING ROAD FREIGHT CARBON DIOXIDE EMISSIONS IN SPAIN. 1996-2010

LIDIA ANDRES\*

14:00

[620]

HOW CAN WE SUPPORT FUTURE ECONOMIC GROWTH? IS THERE A GLOBAL ENERGY DEMATERIALIZATION?

MARINA RECALDE\*; MARIANA ZILIO; CARINA GUZOWSKI

14:15

[619]

GREEN ENERGY: DOES THE ENVIRONMENT BENEFIT?

SEBASTIAN BATTRAM\*

● SESSION 49 / MADRID I

15:15-16:45

**MEASURING GREEN GROWTH - IV**

**Chair**

• Saudamini Das

15:15

[1137]

ECONOMIC GROWTH AND PLANETARY BOUNDARIES: IMPLICATIONS FOR RIO+20 AND ACHIEVING SUSTAINABLE DEVELOPMENT

STEVE HATFIELD-DODDS\*

15:30

[311]

MODELLING THE FINANCE AND BANKING SECTOR USING THE GREAT TRANSITION MODEL

EMANUELE CAMPIGLIO\*; JAMES MEADWAY

15:45

[134]

PROMOTE THE REALIZATION OF "RIO" GUIDING IDEOLOGY WITH ECOLOGICAL ECONOMICS THEORY

SONGPEI WANG\*; MAOXU LI



16:00

[494] TOWARDS 'GREEN GROWTH': THE TRADE-OFF BETWEEN CONSERVATION OF PROTECTED AREAS AND HYDEL POWER GENERATION IN AN ECOLOGICALLY FRAGILE HILL STATE OF NORTHERN INDIA  
SAUDAMINI DAS\*; KANCHAN CHOPRA

● SESSION 50 / MADRID II

15:15-16:45

### **POLITICAL ECOLOGY AND ECOLOGICAL CONFLICTS - III**

#### **Chair**

● Lucile Maertens

15:15

[696] ENVIRONMENTAL SECURITY WITHIN THE UNITED NATIONS: A POLITICAL ECOLOGY PERSPECTIVE  
LUCILE MAERTENS\*

15:30

[631] IGNORANCE AND UNCERTAINTY IN CONSERVATION CONFLICTS: SOLUTIONS FROM EU BIODIVERSITY POLICIES  
VOLKER MAUERHOFER\*

16:00

[818] LAND RIGHTS, ACCESS, AND FOREIGN INVESTMENT: AN ILLUSTRATION FROM MADAGASCAR  
MARIT WIDMAN\*

● SESSION 51 / MADRID III

15:15-16:45

### **SUSTAINABLE CONSUMPTION - I**

#### **Chair**

● Michal Sedlacko

15:15

[1053] STAKEHOLDER INTEGRATION AND SUSTAINABLE CONSUMPTION  
DAVID SICHERT\*

15:30

[929] HOW MUCH CO2 DO THE EUROPEAN CATTLE FARMS WASTE? A REALLOCATIVE GROUP EFFICIENCY PERSPECTIVE  
FREDERIC ANG\*; STEVEN VAN PASSEL

15:45

[807] FOOD CROPS FOR LIVESTOCK AND HUMAN DIETS: FROM PAST

EXPERIENCES (1961-2007) TO OPEN SCENARIOS (2050)  
BRUNO DORIN\*; TRISTAN LE COTTY

16:00

[833] LOCAL PRACTICES VS. GLOBAL IDEOLOGIES: IS SUSTAINABLE  
CONSUMPTION COMPATIBLE WITH THE LOGIC OF CAPITALISM?  
MICHAL SEDLACKO\*

16:15

[1099] A RESEARCH AGENDA TO EXAMINE ECOLOGICAL FOOTPRINT  
IMPACTS ON ECONOMIC PERFORMANCE  
MATHIS WACKERNAGEL\*; KYLE GRACEY; GEMMA CRANSTON;  
DEANNA KARPETAYAN; JUAN CARLOS MORALES; ALESSANDRO  
GALLI

● SESSION 52 / MADRID IV

15:15-16:45

## THE ECONOMICS AND POLITICS OF CLIMATE CHANGE - V

### Chair

• Bernd Siebenheuner

15:00

[372] POPULATION GROWTH: MULTIPLIER OF IMPACTS, DIVIDER OF  
RESOURCES  
ROGER JOHN ADAM MARTIN\*

15:15

[727] A COMPARATIVE ASSESSMENT OF CLIMATE CHANGE MEDIA  
COVERAGE: ANTECEDENTS AND REGIONAL PATTERNS  
RALF BARKEMEYER\*; FRANK FIGGE; ANDREAS HOEPNER; DIANE  
HOLT

15:30

[867] COORDINATING BEYOND EVIDENCE  
ELISA VECCHIONE\*

15:45

[928] GOVERNANCE OF ADAPTATION TO CLIMATE CHANGE:  
MASTERING CHALLENGES OF A NEW POLICY DOMAIN  
BERND SIEBENHUENER\*

● SESSION 53 / MADRID V

15:15-16:45

## THE ENERGY QUESTION - IV

### Chair

• Fabian Echegaray

- 15:15  
[869] HYDROPOWER PLANTS AS THE REPRODUCTION CIRCUITS OF THE ECONOMIC DEVELOPMENT MYTH TO THE LOCAL  
EVANDRO MATEUS MORETTO\*; CARINA SERNAGLIA GOMES;  
DANIEL RONDINELLI ROQUETTI
- 15:30  
[892] UNDERSTANDING STAKEHOLDERS' VIEWS AND SUPPORT FOR SOLAR ENERGY  
FABIAN ECHEGARAY\*
- 15:45  
[905] SUSTAINABLE BIOENERGY: MOVING BEYOND THE FOOD-FUEL CONTROVERSY  
MAHADEV G BHAT\*; STEPHANY ALVAREZ-VENTURA;  
ANDREW JUNGMAN; THELMA VELEZ; ALEXANDRIA ZANGARI;  
KRISH JAYACHANDRAN; BALAKRISHNA GOWDA
- 16:00  
[949] BIOENERGY GOVERNANCE BETWEEN MARKET AND GOVERNMENT FAILURES: A NEW INSTITUTIONAL ECONOMICS PERSPECTIVE  
ALEXANDRA PURKUS\*; ERIK GAWEL; DANIELA THRÄN

● SESSION 54 / MADRID VI

15:15-16:45

## MODELING SUSTAINABLE DEVELOPMENT PATHS

### Chair

● Jerome Pelenc

- 15:30  
[152] PROBLEMS ESTIMATING THE CARBON KUZNETS CURVE  
JUHA ITKONEN\*
- 15:45  
[115] DYNAMIC MODELING OF REGIONAL CLIMATE CHANGE ADAPTATION STRATEGIES: IMPACTS, OPTIONS AND CONFLICTS IN THE NORTHWEST METROPOLITAN REGION OF GERMANY  
MATTHIAS RUTH\*; ANDREW BLOHM; REBECCA GASPER; NANA KARLSTETTER; JAKOB WACHSMUTH; MARINA BEERMANN;  
TOBIAS EICKEMEIER; STEFAN GÖSSLING-REISEMANN
- 16:00  
[170] THE DIFFICULT REALIZATION OF SUSTAINABLE DEVELOPMENT: NEW INSIGHTS FROM COMBINING CRITICAL NATURAL CAPITAL THEORY AND SEN'S CAPABILITY APPROACH  
JEROME PELENC\*; DIDIER BAZILE; RODRIGO FIGUEROA; PATRICIA FRAILE; JORGE NEGRETE; SEBASTIEN VELUT; JEAN-LUC DUBOIS

16:15

[1028] ENVIRONMENTAL GOVERNANCE AND THE CHALLENGE OF HARMONIZATION OF STATE POLICIES ON CLIMATE CHANGE  
JULIANA SPERANZA\*; FLÁVIA RIBEIRO LEITE; TASSO AZEVEDO;  
RICARDO ABRAMOVAY

16:30

[1024] PATHS TO SUSTAINABILITY UNDER THE CONTEXT OF CLIMATE CHANGE DEADLINES  
JOSEF BAUM

● SESSION 85 / GUANABARA I

09:00-10:30

## SUSTAINABLE CONSUMPTION - V

### Chair

• Alexandra Penedo De Sousa Marques

09:00

[506] INCOME-BASED ENVIRONMENTAL RESPONSIBILITY  
ALEXANDRA PENEDO DE SOUSA MARQUES; JOÃO F.D.  
RODRIGUES; TIAGO DOMINGOS

09:15

[533] DOES ADOPTION OF ORGANIC AGRICULTURE INCREASE FARMERS' PROFITS?  
NAOUFEL MZOUGHJI; GHISLAIN GENIAUX; CLAUDE NAPOLÉONE

9:30

[554] CONSUMER PREFERENCES FOR MANGOES WITH GEOGRAPHICAL INDICATION LABELS IN BRAZIL  
PAULO V. PIVA HARTMANN; VINCENZINA CAPUTO; MAURIZIO CANAVARI

● SESSION 86 / GUANABARA V

09:00-10:30

## THE ENERGY QUESTION - V

### Chair

• Pleasa Serin Abraham

09:00

[714] ENERGY PRODUCTION - SUSTAINABLE SOLUTIONS TO URBAN WASTE/REFUSE IN DEVELOPING COUNTRIES  
ISIS SPINOLA-SCHWARTZ; JOSEPH MONTE



09:15


[844]

BARRIERS TO THE DEPLOYMENT OF LOW CARBON  
TECHNOLOGIES: TALE OF A TECHNOLOGY  
PLEASA SERIN ABRAHAM; HARIPRIYA GUNDIMEDA

09:30

[419]

PRINCIPLES AND CONSEQUENCES OF CO2 DAMAGE  
ACCOUNTING  
KIRSTEN L.L. OLESON; PAUL BAER



## POSTER SESSIONS

**SUNDAY, JUNE 17**

● El Greco and Goya Halls

09:00-16:45

### POSTER SESSION 1

[493]

PSTR001 MANAGING UNDERUSE, BIODIVERSITY, AND RESILIENCE OF SATOYAMA SOCIAL-ECOLOGICAL SYSTEM IN JAPAN  
ASHUTOSH SARKER\*; RYOHEI KADA

[78]

PSTR002 DOES CADRE EXCHANGE HELP OR HINDER CHINA'S GREEN RISE? EVIDENCE FROM SHANXI PROVINCE  
GENIA KOSTKA\*; SARAH EATON; YUE WANG

[86]

PSTR003 WHY DO MUNICIPALITIES RECYCLE: USING BAYESIAN PANEL SPATIAL AUTOREGRESSIVE PROBIT MODEL  
TAKEHRO USUI\*; KAKAMU KAZUHIKO; MITSUKO CHIKASADA

[87]

PSTR004 ECONOMICS OF COMMUNITY FORESTRY IN RURAL LIVELIHOODS IN THE MID-HILLS OF NEPAL  
DHANANJAYA LAMICHHANE\*

[99]

PSTR005 ALTERNATIVE APPROACHES IN ECOSYSTEM VALUATION: EXPLORING THE PARTICIPATION OF LOCAL USERS  
ROCIO DEL PILAR MORENO\*; JORGE HIGINIO MALDONADO

[127]

PSTR006 POLLUTION CONTROL AND WELFARE IN GENERAL EQUILIBRIUM: IS THERE A TRADEOFF BETWEEN TAX AND STANDARD?  
KAUSIK GUPTA\*

[157]

PSTR007 THE IMPACT OF A CARBON TAX OVER THE BRAZILIAN ECONOMY IN 2030 - IMACLIM: THE HYBRID CGE MODEL APPROACH  
WILLIAM WILLS\*; JULIEN LEFEVRE

[182]

PSTR008 PAYMENT FOR ENVIRONMENTAL SERVICES: POTENTIAL AND LIMITATIONS IN THE XOPOTÓ RIVER WATERSHED - MG, BRAZIL  
MARIANA BARBOSA VILAR\*; MARCELO DE OLIVEIRA SANTOS;  
ANA CAROLINA CAMPANHA DE OLIVEIRA; LAÉRCIO ANTÔNIO  
GONÇALVES JACOVINE

[214]

PSTR009 DOES UNIT-BASED PRICING INCREASE ILLEGAL DUMPING OF  
HOUSEHOLD WASTE?  
TAKEHRIO USUI\*; MITSUKO CHIKASADA

[779]

PSTR010 THE IMPLEMENTATION OF THE EU WATER FRAMEWORK  
DIRECTIVE IN GERMANY - MISSED OPPORTUNITIES FOR  
CHANGE AGENTS (?)  
KEVIN GRECKSCH\*

[266]

PSTR011  
RISK SOCIETY AND THE ECONOMIC VALUATION OF NATURAL  
RESOURCES: STRATEGIES FOR BIODIVERSITY CONSERVATION  
SOLANGE RODRIGUES DOS SANTOS CORREA\*; KATIANNY  
GOMES SANTANA ESTIVAL; CARINA DE FARIAS GONÇALVES

[290]

PSTR012 ECOLOGICAL LABOUR ORGANIZATION, ECOSYSTEM SERVICES,  
HUMAN WELL-BEING: A NEW GOAL.  
RENZO REMOTTI\*

[299]

PSTR013 ENHANCING URBAN RESILIENCE: A DECISION SUPPORT  
APPROACH BASED ON INPUT-OUTPUT MODELING,  
GEOGRAPHIC INFORMATION SYSTEM AND PARTICIPATIVE  
PROCESSES  
MATEO CORDIER\*; GUILLAUME BAILLY

[303]

PSTR014 ENHANCING URBAN RESILIENCE: A DECISION-SUPPORT  
APPROACH BASED ON INPUT-OUTPUT MODELING,  
GEOGRAPHIC INFORMATION SYSTEM AND PARTICIPATIVE  
PROCESSES  
GUILLAUME BAILLY\*; MATEO CORDIER

[322]

PSTR015 ECONOMIC VIABILITY OF PAYMENT FOR ENVIRONMENTAL  
SERVICES IN THE STATE OF AMAPÁ USING RISK ANALYSIS.  
WANDER DA CONCEIÇÃO SILVA\*; ALAN CAVALCANTI DA  
CUNHA

[325]

PSTR016 HISTORY, IRONIES AND OBSERVATIONS ON CLEAN WATER IN AMERICA  
NANCY SCHUMM\*

[342]

PSTR017 THE ENVIRONMENTAL SUSTAINABILITY AS A STRATEGIC DIRECTION OF RE-INDUSTRIALIZATION PROCESS IN BRAZIL  
PEDRO DOS SANTOS PORTUGAL JÚNIOR\*; BASTIAAN PHILIP REYDON; NILTON DOS SANTOS PORTUGAL

[367]

PSTR018 SOLAR ENERGY INCORPORATION MAXIM (SEIM) CONCEPT AS A FOUNDATION FOR SUSTAINABLE HUMAN-NATURAL RESOURCES INVENTORY RELATIONSHIP  
RYUNOSUKE HAMADA\*; TOSHIAKI OHKURA

[381]

PSTR019 ENVIRONMENTAL VALUATION OF THE GALVANIC SOLID WASTE GENERATED IN A CHROMING PROCESS.  
LUCAS CAMPANER ALVES\*; LUIS FERNANDO AMATO-LOURENÇO; SIMONE GEORGES EL KHOURI MIRAGLIA; EMÍLIA SATOSHI MIYAMARU SEO

[392]

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BEATRIZ RODRIGUEZ-LABAJOS, JOAN MARTINEZ-ALIER, LEAH TEMPER	JUNE 17	SALVADOR DALI ROOM
BEN DAVIES		SESSION 15
BENOIT CHEZE; JULIEN CHEVALLIER and PASCAL GASTINEAU		SESSION 46

BERNARDO AGUILAR-GONZALEZ		SESSION 55
BERND SIEBENHUENER e ROMINA RODELA		SESSION 40
BERND SIEBENHUENER SIEBENHUENER		SESSION 52
BERTRAND HAMAIDE; HEIDI JO ALBERS e GWENLYN BUSBY		SESSION 12
BISHWANATH GOLDAR	JUNE 17	SCLiar ROOM 9:00 – 10:30
BISHWANATH GOLDAR AND MS. MEERA BHALLA	JUNE 17	SCLiar ROOM 9:00 – 10:30
BRAJESH JHA e AMARNATH TRIPATHI		SESSION 72
BRENT BLEYS		SESSION 35
BRIAN KELLY		SESSION 20
BRIAN KELLY		SESSION 41
BRITALDO SOARES-FILHO; WILLIAN LELES; LETICIA HISSA	JUNE 19	SALVADOR DALI ROOM 9:00 – 10:30
BRUNO AZEVEDO PRADO		SESSION 07
BRUNO DORIN and JEAN-CHARLES HOURCADE		SESSION 22
BRUNO DORIN and TRISTAN LE COTTY		SESSION 51
BRUNO MARCEL CARNEVAL DE OLIVEIRA and SORAYA GIOVANNETTI EL-DEIR	PSTR 085	POSTER SESSION 3
BRYAN DEWSBURY; MAHADEV BHAT and JAMES FOURQUREAN	PSTR 060	POSTER SESSION 2
BRYAN R. BUSHLEY, DIL BAHADUR KHATRI	JUNE 18	PANCETTI ROOM 15:15 – 16:45
CAMILA ISAAC FRANÇA; DOMINIQUE MOUETTE and SÉRGIO ALMEIDA PACCA	PSTR 065	POSTER SESSION 3
CAMILA ISAAC FRANÇA; DOMINIQUE MOUETTE; SERGIO ALMEIDA PACCA	JUNE 18	Scliar ROOM 9:00 – 10:30
CARINA SERNAGLIA GOMES; DANIEL RONDINELLI ROQUETTI and EVANDRO MATEUS MORETTO	PSTR 051	POSTER SESSION 2
CARLOS DIONISIO PÉREZ BLANCO and CARLOS MARIO GÓMEZ		SESSION 04
CARLOS DIONISIO PÉREZ BLANCO and CARLOS MARIO GÓMEZ GÓMEZ		SESSION 04
CARLOS E F YOUNG AND RODRIGO MEDEIROS	JUNE 19	SALVADOR DALI ROOM 9:00 – 10:30
CARLOS EDUARDO BRANDÇO		SESSION 39

CARLOS EDUARDO F. YOUNG, MARYANNE GRIEG-GRAN, SVEN WUNDER	JUNE 18	SALVADOR DALI ROOM 1:30 – 15:00
CARLOS EDUARDO YOUNG; ERICO RIAL ROCHA; LEONARDO BARCELLOS DE BAKKER and ANDRÉ FALKENBACH SANTORO		SESSION 44
CARLOS EDUARDO YOUNG; LEONARDO BARCELLOS DE BAKKER; ANDRÉ ROCHA FERRETTI, CARLOS KRIECK DOS SANTOS; RENATO ATANAZIO	JUNE 17	PANCETTI ROOM 9:00 – 10:30
CARLOS EDUAR FREITAS; MIGUEL PETRERE; JAMES RANDALL KAHN and JOSEPH DOYLE		SESSION 35
CARMELINA RUIZ and ABIGAIL RODRIGUEZ	PSTR 029	POSTER SESSION 1
CARMELINA RUIZ RUIZ		SESSION 20
CAROLINA DE OLIVEIRA JORDÃO and EVANDRO MATEUS MORETTO		SESSION 14
CATHERINE LOURDES LOURDES DY		SESSION 36
CECILIA HÅKANSSON; MARIA NORING and LINUS HASSELSTRÖM		SESSION 27
CECILIA VIANA; EMILIE COUDEL; JOS BARLOW; JOICE FERREIRA; TOBY GARDNER e LUKE PARRY		SESSION 34
CHANDRAKANTH GANGADHARIAH MYSORE; ACCAVVA M S; MAHADEV GANAPATHI BHAT; NAGARAJA GANGADHARIAH MYSORE and GUIDO VAN HUYLENBROECK.		SESSION 76
CHARLOTTE FOURCROY and AMANDINE CHEVALIER		SESSION 30
CHRIS BARRINGTON-LEIGH		SESSION 03
CHRISTIAN KLASSERT and STEFAN MÖCKEL	JUNE 17	VOLPI ROOM 9:00 – 10:30
CHRISTIANE REIF and CHRISTIAN RAMMER		SESSION 47
CHRISTOPH SCHRÖTER-SCHLAACK, HELENA PAVESE, JULIO ROMA RUSSEL GALT, ANNA PADDENBURG	JUNE 18	VELASQUEZ ROOM 1:30 – 15:00
CHRISTOPH SCHRÖTER-SCHLAACK, IRENE RING, STEFAN MÖCKEL, CHRISTIANE SCHULZ-ZUNKEL, NELE LIENHOOP, REINHARD KLENKE, KLAUS HENLE and THOMAS LENK	JUNE 17	VOLPI ROOM 15:15 – 16:45
CHUNBO MA and ETHAN SCHOOLMAN		SESSION 23
CLAAS MEYER; BETTINA MATZDORF and MICHAELA REUTTER	PSTR 036	POSTER SESSION 2

CLAUDIA SATTLER; BETTINA MATZDORF; BERNARDO AGUILAR-GONZÁLEZ; TIM SCHLOENDORN; RANULFO PAIVA SOBRINHO; PAULO SINISGALLI and CLAAS MEYER		SESSION 10
CORINNA IRIS ALTENBURG; FRITZ REUSSWIG and VERA PETERS		SESSION 38
CRISTINA KEIKO YAMAGUCHI; ADRIANA CARVALHO PINTO VIEIRA; MELISSA WATANABE; ZELI FELISBERTO e LARISSA XAVIER TEIXEIRA	PSTR 054	POSTER SESSION 2
CRISTINA KEIKO YAMAGUCHI; MELISSA WATANABE; ADRIANA CARVALHO PINTO VIEIRA; ZELI FELISBERTO and LARISSA XAVIER TEIXEIRA	PSTR 050	POSTER SESSION 2
CRISTINA MARTA-PEDROSO; HUGO MIGUEL; SARA CARVALHO FERNANDES e TIAGO DOMINGOS		SESSION 39
DALIA MAIMON		SESSION 39
DAVID BARKIN	JUNE 18	SCLIAR ROOM 9:00 – 10:30
DAVID N. BARTON, RUI SANTOS, PETER MAY, IRENE RING, CHRISTOPH SCHRÖTER-SCHLAACK, GRACIELA M. RUSCH	JUNE 17	VOLPI ROOM 15:15 – 16:45
DAVID SICHERT		SESSION 51
DEBASISH BISWAS		SESSION 02
DEBORAH ROGERS		SESSION 30
DEEPAK MALGHAN	JUNE 17	SALVADOR DALI ROOM 13:30 – 15:00
DÊNIS ANTÔNIO DA CUNHA and MARCEL VIANA PIRES	PSTR 024	POSTER SESSION 1
DERRYLEA J HARDY		SESSION 59
DERRYLEA J HARDY		SESSION 65
DHANANJAYA LAMICHHANE	PSTR 004	POSTER SESSION 1
DHANANJAYA LAMICHHANE		SESSION 31
DIDIER BAZILE and JÉRÔME PELENC		SESSION 20
DJIBRIL OUATTARA OUATTARA		SESSION 33
DR. BERND DALLMANN and PHILIPP OSWALD		SESSION 13
DRIES MAES and STEVEN VAN PASSEL	PSTR 062	POSTER SESSION 2
EDOARDO CROCI; SABRINA MELANDRI; TANIA MOLteni and OLHA ZADOROZHNA		SESSION 01
EDUARDO BARATA; RITA MARTINS; LUIS CRUZ and SANDRA TRALHÃO		SESSION 03



EDUARDO FERNANDEZ SILVA; STEPHANIA MARIA SOUZA and ILÍDIA GARRIDO JURAS		SESSION 47
EEVA PRIMMER, RIIKKA PALONIEMI, SUSANNA SIRONEN, ANNA TAINIO, JUKKA SIMILÄ, PEKKA LESKINEN	JUNE 17	VOLPI ROOM 9:00 – 10:30
ELIF AKBOSTANCI; SERAP TURUT-ASIK and GUL IPEK TUNC	PSTR 032	POSTER SESSION 2
ELINA RAITANENA, JUKKA SIMILÄB, KRISTIAN SIIKAVIRTAC, EEVA PRIMMERB	JUNE 17	VOLPI ROOM 9:00 – 10:30
ELISA VECCHIONE		SESSION 52
ELISABETH GSOTTBAUER		SESSION 80
ELISABETH GSOTTBAUER and JEROEN VAN DEN BERGH		SESSION 57
ELISSAIOS POPYRAKIS		SESSION 23
ELISSAIOS POPYRAKIS and OHAD RAVEH		SESSION 23
EMANUELE CAMPIGLIO	JUNE 19	SALVADOR DALI ROOM 1:30 – 15:00
EMANUELE CAMPIGLIO and JAMES MEADWAY		SESSION 79
EMANUELE CAMPIGLIO and JAMES MEADWAY		SESSION 49
EMILIE COUDEL; MARIE-GABRIELLE PIKETTY; MARTINE ANTONA; CECILIA VIANA; JOS BARLOW; JOICE NUNES FERREIRA; TOBY ALAN GARDNER and LUKE PARRY		SESSION 34
EMILIO LA ROVERE, CARLOS ROBERTO AZZONI BERNARDO STRASSBURG,	JUNE 16	Salvador Dali ROOM
EMILIO PADILLA and VICENT ALCÁNTARA		SESSION 66
ENRIQUE ORTEGA		SESSION 78
ERIK GOMEZ BAGGETHUN		SESSION 17
ERIK GOMEZ BAGGETHUN and DAVID N. BARTON	PSTR 040	POSTER SESSION 2
ERIK GOMEZ BAGGETHUN; MANUEL RUIZ-PÉREZ	JUNE 19	SCLIAR ROOM 9:00 - 10:30
ERIK GOMEZ-BAGGETHUN; ROLDAN MURADIAN	JUNE 17	Pancetti ROOM 9:00 – 10:30
ERNST NUPPENAU		SESSION 02
ESSAM MOHAMMED	JUNE 19	SCLIAR ROOM 15:15 – 16:45
ESTELA-MARIA SOUZA-COSTA NEVES	PSTR 086	POSTER SESSION 3

EVANDRO ALBIACH BRANCO and PAULO ALMEIDA SINISGALLI	PSTR 071	POSTER SESSION 3
EVANDRO MATEUS MORETTO; CARINA SERNAGLIA GOMES and DANIEL RONDINELLI ROQUETTI		SESSION 53
EWA LARSSON AND EVA HALLSTROM	JUNE 19	PANCETTI ROOM 1:30 – 15:00
FABIAN ECHEGARAY ECHEGARAY		SESSION 53
FABIO MENTEN; BENOIT CHEZE and FRÉDÉRIQUE BOUVART		SESSION 67
FEDERICO DEMARIA	JUNE 19	SALVADOR DALI ROOM 1:30 – 15:00
FEDERICO DEMARIA		SESSION 61
FEDERICO DEMARIA, GOPAL KRISHNA, SHASHI BUSHAN PANDIT	JUNE 17	SALVADOR DALI ROOM
FEDERICO DEMARIA; FRANCOIS SCHNEIDER; FILKA SEKULOVA and JOAN MARTINEZ ALIER		SESSION 43
FÉLICIEN KENGOUM DJIEGNI	JUNE 18	PANCETTI ROOM 15:15 – 16:45
FELIX PENICHE		SESSION 18
FERNANDO SAENZ-SEGURA and JEAN FRANÇOIS LE COQ		SESSION 10
FRANCISCO ALPÍZAR, ANNA NORDÉN, ALEXANDER PFAFF and JUAN ROBALINO	JUNE 18	VOLPI ROOM 9:00 – 10:30
FRANCISCO DE SOUZA MARTA; PAULO GONZAGA MIBIELLI DE CARVALHO; DENISE BRITZ DO NASCIMENTO SILVA and FREDERICO CAVADAS BARCELLOS	PSTR 072	POSTER SESSION 3
FRANCISCO OLIVEIRA		SESSION 16
FREDERIC ANG and STEVEN VAN PASSEL		SESSION 51
FUMIKO TAKEDA; SHINGO KAWASHIMA and KOICHI TAKEDA		SESSION 41
GABRIEL LEGARÉ; CORINNE GENDRON; ALICE FRISER and JOHANNA EGOROFF		SESSION 70
GAEL PLUMECOCQ		SESSION 36
GAMINI HERATH		SESSION 22
GAMINI HERATH		SESSION 27
GENIA KOSTKA; SARAH EATON and YUE WANG	PSTR 002	POSTER SESSION 1
GEORGE BALAN and CONSTANTIN IVAN		SESSION 21
GEORGIOS KARAKATSANIS		SESSION 05

GEORGIOS KARAKATSANIS		SESSION 29
GERT TINGGAARD SVENDSEN and URS STEINER BRANDT		SESSION 45
GHISLAIN GENIAUX and CLAUDE NAPOLÉONE	PSTR 028	POSTER SESSION 1
GHISLAIN GENIAUX; CLAUDE NAPOLÉONE; RUPPERT VIMAL and JACQUES LEPART		SESSION 21
GIUSEPPE DE MARZO, LUCIE GREYL	JUNE 17	SALVADOR DALI ROOM 13:30 – 15:00
GLAUCIA DE ALMEIDA PADRÃO; SAMUEL ALEX COELHO CAMPOS; VIVIANI SILVA LIRIO and MÁRCIO LOPES DA SILVA	PSTR 073	POSTER SESSION 3
GLEIDE BORGES MORAES LACERDA; CÉLIA REGINA GOUVEIA SOUZA; CORBINIANO SILVA; EURIDICE S. MAMEDE ANDRADE and MARCOS AURELIO V. FREITAS		SESSION 81
GLENN-MARIE LANGE AND URVASHI NARAIN	JUNE 19	SALVADOR DALI ROOM 15:15 – 16:45
GNANAPRAKASAM GNANA EPILSTON and CYRIL KANMONY JEBAGNANAM		SESSION 64
GOLAM RASUL and DAVID MOLDEN		SESSION 76
GUILLAUME BAILLY and MATEO CORDIER	PSTR 014	POSTER SESSION 1
GUILLAUME PÉRON	PSTR 081	POSTER SESSION 3
GUILLAUME PÉRON; CHRISTIAN MULLON; GORKA MERINO; MANUEL BARANGE and HAROLD LEVREL		SESSION 73
GUL IPEK TUNC; SERAP TURUT-ASIK and ELIF AKBOSTANCI		SESSION 56
GUSTAVO HALLWASS, ANASTÁCIO A. JURAS, PRISCILA F. LOPES, RENATO A. M. SILVANO	JUNE 18	MADRID III ROOM 15:15 – 16:45
GYÖRGY MÁLOVICS; BARBARA MIHÓK; ISTVÁN SZENTISTVÁNYI; GYÖRGY PATAKI and BÁLINT BALÁZS	PSTR 039	POSTER SESSION 2
H.M. DESARDA	JUNE 17	Pancetti ROOM 1:30 – 15:00
HALI HEALY, J. MARTINEZ-ALIER, M. WALTER, L. TEMPER, B. RODRIGUEZ-LABAJOS, J.F. GERBER	JUNE 17	SALVADOR DALI ROOM 13:30 – 15:45
HANS NICOLAI ADAM	PSTR 027	POSTER SESSION 1
HARIPRIYA GUNDIMEDA	JUNE 17	PANCETTI ROOM 1:30 – 15:00
HARIPRIYA GUNDIMEDA	PSTR 068	POSTER SESSION 3
HARPINDER SANDHU and SUKHBIR SANDHU	PSTR 031	POSTER SESSION 2

HEBIN LIN and JEFFREY THORNTON	PSTR 048	POSTER SESSION 2
HECTOR SEJENOVICH	JUNE 18	SCLIAIR ROOM 9:00 – 10:30
HEINI AHTIAINEN; JANNE ARTELL; MIKOLAJ CZAJKOWSKI; BERIT HASLER; LINUS HASSELSTRÖM; JÜRGEN MEYERHOFF; JAMES SMART and TOMASZ ZYLICZ	PSTR 069	POSTER SESSION 3
HELEN LOUISE MURPHY		SESSION 26
HELEN LOUISE MURPHY; MICHAEL WINER and HAROLD LUDWICK		SESSION 65
HELEN SCARBOROUGH; JEFF BENNETT and MICHAEL BURTON		SESSION 70
HELEN SUICH		SESSION 74
HELEN SUICH and LUCA TACCONI		SESSION 74
HELENA GONÇALVES; RICARDO RAELE and SILVIA MARIA GUERRA MOLINA	PSTR 058	POSTER SESSION 2
HELLEN CANO; ANA GOULART BUSTAMANTE; JOSÉ ANTONIO SCARCELLO; JOSÉ SENA NASCIMENTO; PAULO ALVES SANTOS; RODRIGO SILVEIRA PEREIRA; MAURO LAMBERT RIBEIRO and LUCIANA TEMPONI OLIVEIRA	PSTR 064	POSTER SESSION 3
HELOISA HELENA ALBUQUERQUE BORGES QUARESMA GONÇALVES; PAULINA APARECIDA MARQUES VIEIRA ALBUQUERQUE and GEIZA MARIA HAMAZAKI DA SILVA	PSTR 070	POSTER SESSION 3
HENRIK LINDHJEM, DAVID N. BARTON, STEFAN BLUMENTRATH, VEGARD GUNDERSEN, GRACIELA M. RUSCH, ANNE SVERDRUP-THYGESON and HANNE SVARSTAD	JUNE 17	VOLPI ROOM 9:00 – 10:30
HUANXIU GUO and MARY-FRANÇOISE RENARD		SESSION 15
HUGO DE CARVALHO FERREIRA and MARCELO FIRPO PORTO	PSTR 043	POSTER SESSION 2
HUGO FERRAZ PENTEADO, JOACHIM SPANGENBERG, PAVAN SUKHDEV	JUNE 18	VELASQUEZ ROOM 9:00 – 10:30
HUGO LEONNARDO GOMIDES DO COUTO and FRANCIS LEE	PSTR 045	POSTER SESSION 2
HUMBERTO FRANCISCO BEIRAO JUNIOR; MIGUEL ANGEL DIAZ MIER and LUIS FELIPE RIVERA GALICIA	PSTR 023	POSTER SESSION 1
IDA KUBISZEWSKI and ROBERT COSTANZA	PSTR 095	POSTER SESSION 3
INES DEL VALLE DEL ASIS		SESSION 08
INSA THEESFELD THEESFELD		SESSION 16

IOANNA GRAMMATIKOPOULOU; SØREN BØYE OLSEN and EIJA POUTA		SESSION 09
ISIS SPINOLA-SCHWARTZ and JOSEPH MONTE		SESSION 86
JULIE ASLAKSEN; ERIK FRAMSTAD; PER ARILD GARNÅSJORDET	JUNE 18	SCLiar ROOM 1:30 – 15:00
JACOB NUNOO; HENRY DE-GRAFT ACQUAH and KWABENA NKANSAH DARFOR		SESSION 83
JAKUB KRONENBERG KRONENBERG		SESSION 42
JAMES AUGUSTO PIRES TIBURCIO		SESSION 33
JAMES MURPHY, LANCE HOWE AND DREW GERKEY	JUNE 18	Volpi ROOM 9:00 – 10:30
JAMES RANDALL KAHN; CARLOS EDWAR FREITAS; LARRY HURD; MIGUEL PETRERE e ALEXANDRE RIVAS		SESSION 75
JANE ALEXANDRA MCDONALD		SESSION 37
JANE MCDONALD	JUNE 18	SCLiar ROOM 1:30 – 15:00
JAQUELINE COELHO VISENTIN and LUCIANA TOGEIRO DE ALMEIDA	PSTR 034	POSTER SESSION 2
JEAN-LOUIS WEBER		SESSION 55
JEAN-LOUIS WEBER and JOCK MARTIN		SESSION 75
JEAN-LOUIS WEBER; TOWNSEND A PETERSON and RANIA SPYROPOULOU		SESSION 59
JENNIFER CLAPP		SESSION 06
JEROME PELENC; DIDIER BAZILE; RODRIGO FIGUEROA; PATRICIA FRAILE; JORGE NEGRETE; SEBASTIEN VELUT and JEAN-LUC DUBOIS JOACHIM SPANGENBERG	JUNE 18	SESSION 54 SCLiar ROOM 1:30 – 15:00
JOANA BRACONI DA SILVA; SANDRINE CUVILLIER; ANDRÉ TEIXEIRA PONTES and ROGERIO VALLE	PSTR 097	POSTER SESSION 3
JOÃO ALFREDO CARVALHO MANGABEIRA; ADEMAR RIBEIRO ROMEIRO; SÉRGIO GOMES TÔSTO and CÉLIA REGINA GREGO	PSTR 031	POSTER SESSION 1
JOAO F. D. RODRIGUES		SESSION 35
JOÃO-PEDRO FERREIRA; FAUSTO FREIRE; LUIS CRUZ and EDUARDO BARATA		SESSION 07
JOHANE DIKGANG and EDWIN MUCHAPONDWA		SESSION 55
JOHANE DIKGANG and EDWIN MUCHAPONDWA		SESSION 77
JOHANNES FÖRSTER; DORIT LEHR and RALF SEPPELT	PSTR 087	POSTER SESSION 3

JOHANNES LANGEMEYER and ERIK GOMEZ BAGGETHUN		SESSION 21
JOHN A. SORRENTINO and MAHBUBUR R. MEENAR		SESSION 64
JOHN GOWDY; BARKLEY ROSSER and LORRAINE ROY		SESSION 68
JOICE FERREIRA; TOBY GARDNER; JOS BARLOW; LUKE PARRY; CECILIA VIANA and ALEXANDER LEES		SESSION 40
JOHN AXSEN; CAROLINE ORLEBAR and STEPHEN SKIPPON		SESSION 03
JOHN AXSEN; JENNIFER TYREEHAGEMAN and ANDY LENTZ		SESSION 28
JORDI TEIXIDÓ FIGUERAS and JUAN ANTONIO DURO MORENO		SESSION 36
JORGE HARGRAVE; JAN BÖRNER; KRISZTINA KIS-KATOS and KONSTANTIN KÖNIG		SESSION 34
JORGE HIGINIO MALDONADO and ROCIO DEL PILAR MORENO		SESSION 09
JOSE M. MAROTO and MANUEL MORAN CABRE		SESSION 73
JOSÉ ROBERTO MOREIRA; FÁBIO DE OLIVEIRA FREITAS; RAFAEL ANTÔNIO MACHADO BALESTRA; PAULO DIAS FERREIRA JÚNIOR; ANTÔNIO ALENCAR SAMPAIO; ANA PAULA GOMES LUSTOSA; ARTUR JORDÃO DE MAGALHÃES ROSA and SAMUEL REZENDE PAIVA		SESSION 28
JOSEF BAUM		SESSION 54
JOSEPH S WEISS and ELIMAR P. NASCIMENTO		SESSION 77
JOSHUA C FARLEY		SESSION 40
JOSHUA C FARLEY; ABDON SCHMITT; GISELE ALARCON; JUAN PABLO ALVEZ and PAOLA REBOLLAR	PSTR 076	POSTER SESSION 3
JUAN CAMILO CÁRDENAS, JORGE LUIS CASTAÑEDA, DANIEL CASTILLO, MARIA FERNANDA PEREIRA, LUZ ANGELA RODRIGUEZ	JUNE 18	VOLPI ROOM 9:00 – 10:30
JUAN CARDENAS	JUNE 16	SCLIAI ROOM
JUHA HIEDANPAA; JUHA KOTILAINEN and MATTI SALO		SESSION 77
JUHA ITKONEN ITKONEN		SESSION 54
JUKKA SIMILÄ, MARIA FERNANDA GEBARA	JUNE 17	VOLPI ROOM 9:00 – 10:30
JULIA BLASCH	PSTR 042	POSTER SESSION 2
JULIANA SPERANZA; FLÁVIA RIBEIRO LEITE; TASSO AZEVEDO and RICARDO ABRAMOVAY		SESSION 54
JULIANA VALVERDE LOSS and JULIANA CANTINI		SESSION 07
JULIE NELSON NELSON		SESSION 79

JULIEN BRUN, PEDRO L. PEREZ MANRIQUE, ANA CITLALIC GONZALEZ-MARTINEZ, MARIANA WALTER AND JOAN MARTINEZ-ALIER	JUNE 18	SCLIAR ROOM 9:00 – 10:30
JULIEN MILANESI		SESSION 09
JUTTA GUTBERLET		SESSION 28
KATHARINE RIETIG		SESSION 57
KAUSIK GUPTA	PSTR 006	POSTER SESSION 1
KAUSIK GUPTA		SESSION 43
KE ZHAO; COLIN RICHARDSON; JERRY COURVISANOS and JOHN CRAWFORD		SESSION 18
KENNETH J. ARROWA, PARTHA DASGUPTAB, LAWRENCE H. GOULDERA, KEVIN J. MUMFORDC and KIRSTEN OLESOND	JUNE 19	SALVADOR DALI ROOM 15:15 – 16:45
KERI CHIVERALLS; GEORGE ZILLANTE; LOU WILSON; JASMINE PALMER; JIAN ZUO and STEPHEN PULLEN		SESSION 01
KEVIN GRECKSCH GRECKSCH	PSTR 010	POSTER SESSION 1
KEVIN GRECKSCH GRECKSCH	PSTR 059	POSTER SESSION 2
KIMBERLY FISHER; ROUJMAN SHAHBAZIAN and MOHAMMAD SEPAHVAND		SESSION 15
KIRSTEN L.L. OLESON and PAUL BAER		SESSION 86
KISHORE K DHAVALA and MAHADEV BHAT		SESSION 67
KLODJAN RAMA and INSA THEESFELD		SESSION 78
KOEN MONDELAERS; LUDWIG LAUWERS and GUIDO VAN HUYLENBROECK		SESSION 71
KOJI TOKIMATSU; RYOTA II; RIEKO YASUOKA; MASAHIRO NISHIO and KAZUHIRO UETA		SESSION 84
Latdhaphone Banchongphanith, Budi Ayu Dewi, Kaneko Kusuma, Libo Shinji Wu	JUNE 18	SCLIAR ROOM 9:00 – 10:30
LAURA A FRYE-LEVINE; RICHARD S LEVINE; MICHAEL T HUGHES and TAQI RADMARD		SESSION 07
LAURA ALEX FRYE-LEVINE	PSTR 047	POSTER SESSION 2
LAURA MAXIM MAXIM		SESSION 27
LAURA RIVAL	JUNE 17	SCLIAR ROOM 1:30 – 15:00
LAURA RIVAL	JUNE 19	SCLIAR ROOM 15:15 – 16:45

LEAH TEMPER AND MARTA CONDE	JUNE 17	SALVADOR DALI ROOM 15:15 – 16:45
LEAH TEMPER, CHRISTOPH PLUTZAR, JOAN MARTINEZ-ALIER, BEATRIZ RODRIGUEZ-LABAJOS	JUNE 17	SALVADOR DALI ROOM 13:30 – 15:45
LEAH TEMPER, JOAN MARTINEZ ALIER, BEATRIZ RODRIGUEZ LABAJOS	JUNE 17	SALVADOR DALI ROOM 13:30 – 15:00
LEAH TEMPER, JOAN MARTINEZ-ALIER, BEATRIZ RODRIGUEZ-LABAJO	JUNE 17	SALVADOR DALI ROOM 13:30 – 15:45
LEE HANNAH, PATRICK R. ROEHRDANZ, MAKIHICO IKEGAMI, ANDERSON V. SHEPARD, M. REBECCA SHAW, GARY TABOR AND LU ZHI	JUNE 18	SALVADOR DALI ROOM 15:15 –16:45
LEKHA MUKHOPADHYAY e BHASKAR GHOSH		SESSION 81
LEVANIA SANTOSO; MARIA BROCKHAUS and TIM CRONIN		SESSION 11
LIANDRA CALDASSO; JUTTA GUTBERLET and VALÉRIA VINHA	JUNE 18	SCLIAI ROOM 9:00 – 10:30
LIDIA ANDRES ANDRES		SESSION 48
LIGIA PAOLA GONZÁLEZ WILCHES		SESSION 22
LINUS NDONGA NDONGA		SESSION 83
LOU WILSON and KERI CHIVERALLS		SESSION 26
LOUISE GONSALVEZ		SESSION 47
LUCA TACCONI AND SILVIA IRAWAN	JUNE 17	VOLPI ROOM 15:15 – 16:45
LUCAS CAMPANER ALVES; LUIS FERNANDO AMATO-LOURENÇO; SIMONE GEORGES EL KHOURI MIRAGLIA and EMÍLIA SATOSHI MIYAMARU SEO	PSTR 019	POSTER SESSION 1
LUCAS CHANCEL		SESSION 69
LUCAS CHANCEL		SESSION 44
LUCIANA TOGEIRO DE ALMEIDA and MARIA AMÉLIA ENRÍQUEZ		SESSION 44
LUCIANA TOGEIRO DE ALMEIDA; MARCELO FERNANDO MAZZERO e STELA LUIZA DE MATTOS ANSANELLI		SESSION 44
LUCIANE MASTELARO MOREIRA and LUCIANA TOGEIRO DE ALMEIDA		SESSION 44
LUCIANO MANSOR DE MATTOS	PSTR 080	POSTER SESSION 3
LUCILE MAERTENS		SESSION 50



LÚCIO ANDRÉ DE OLIVEIRA FERNANDES and GIZELA LEITZKE GOTUZZO		SESSION 71
LUIGI GALLETTO, LUIGINO BARISAN, FEDERICA BIANCHIN, STEFANO SCAGGIANTE	JUNE 18	SALVADOR DALI ROOM 15:15 – 16:45
LUIS FERNANDO FERNANDO AMATO-LOURENÇO; FERNANDO RODRIGUES-SILVA; MICHELINE DE SOUSA ZANOTTI S COÊLHO; PAULO H. NASCIMENTO SALDIVA and SIMONE G. EL KHOURI MIRAGLIA		SESSION 48
LUIS MUNDACA and BRIAN CLOUGHLEY		SESSION 84
LUIZ EDUARDO CHIMELLO DE OLIVEIRA and FIKRET BERKES	JUNE 18	MADRID III ROOM 15:15 – 16:45
LUIZ EDUARDO CHIMELLO DE OLIVEIRA and FIKRET BERKES		SESSION 19
LYNN DUGGAN, ELLIE PERKINS, SABINE O’HARA, NAN WIEGERSMA, IULIE ASLAKSEN	JUNE 17	SCLIAIR ROOM 13:30 – 15:00
LYNN S DUGGAN		SESSION 79
M. MORIONDO, G.V. JONES, B. BOIS, C. DIBARI, R. FERRISE, G. TROMBIA, M. BINDI	JUNE 18	SALVADOR DALI ROOM 15:15 – 16:45
MAHADEV G BHAT; STEPHANY ALVAREZ-VENTURA; ANDREW JUNGMAN; THELMA VELEZ; ALEXANDRIA ZANGARI; KRISH JAYACHANDRAN and BALAKRISHNA GOWDA		SESSION 53
MAIK WINGES WINGES		SESSION 16
MARC BAUDRY and BEATRICE DUMONT		SESSION 30
MARC HUFTY; MORGAN SCOVILLE-SIMONDS and HAMEEDULLAH JAMALI		SESSION 66
MARCELLA VERONESI; TIM SCHLOENDORN; ASTRID ZABEL and STEFANIE ENGEL	PSTR 056	POSTER SESSION 2
MARCELO FIRPO PORTO, TANIA PACHECO, DIOGO ROCHA	JUNE 17	SALVADOR DALI ROOM 13:30 – 15:45
MARCO ARMIERO		SESSION 41
MARCO SPRINGMANN SPRINGMANN		SESSION 60
MARCUS VINICIUS ALVES FINCO and FERNANDA DIAS BARTOLOMEU ABADIO FINCO		SESSION 22
MAREK GIERGICZNY e MIKOLAJ CZAJKOWSKI		SESSION 61
MAREK GIERGICZNY e MIKOLAJ CZAJKOWSKI		SESSION 68

MARIA AMÉLIA ENRIQUEZ , DAJIAN ZHU, KEVIN URAMA, WALTER PENGUE	JUNE 19	VOLPI ROOM 13:30 – 15:00
MARIA BROCKHAUS, MONICA DI GREGORIO ET AL.	JUNE 18	PANCETTI ROOM 15:15 – 16:45
MARIA CECILIA JUNQUEIRA LUSTOSA		SESSION 22
MARIA CLAUDIA LOPEZ and MARIA ALEJANDRA VÉLEZ	JUNE 18	VOLPI ROOM 9:00 – 10:30
MARIA FERNANDA GEBARA, AMY E. DUCHELLE, GISELLE MONTEIRO, LEONELA GUIMARÃES	JUNE 18	PANCETTI ROOM 9:00 – 10:30
MARIA FERNANDA GEBARA, PETER H. MAY, ROMULO DA ROCHA SAMPAIO, ALICE THUAULT	JUNE 17	VOLPI ROOM 9:00 – 10:30
MARIA INÊS PAES FERREIRA; FRANCISCO FORMAGINI BRANT; JULIANA NUNES CRISTO TORRES; THAIS GOMES DOS SANTOS; HAYDDA MANOLLA CHAVES DA HORA	JUNE 17	PANCETTI ROOM 9:00 – 10:30
MARIA INÊS PAES FERREIRA; SAULO CRISTIANO BARBOSA; LUIZ FELIPE UMBELINO; PAULO ROGÉRIO NOGUEIRA DE SOUZA; MICHELI ROCHA CORDEIRO and PRISCILA GONTIJO ALMEIDA		SESSION 61
MARIA SABRINA SABRINA DE GOBBI e MAKIKO MATSUMOTO		SESSION 24
MARIANA BARBOSA VILAR; MARCELO DE OLIVEIRA SANTOS; ANA CAROLINA CAMPANHA DE OLIVEIRA and LAÉRCIO ANTÔNIO GONÇALVES JACOVINE	PSTR 008	POSTER SESSION 1
Mariana Clauzet	JUNE 18	SCLIAIR ROOM 9:00 – 10:30
MARIANNE AASEN		SESSION 57
MARIANNE HENKEL		SESSION 14
MARINA CROMBERG, AMY E. DUCHELLE	JUNE 18	PANCETTI ROOM 9:00 – 10:30
MARINA RECALDE; MARIANA ZILIO e CARINA GUZOWSKI		SESSION 48
MARIO ENRIQUE FUENTE-CARRASCO; LIA NAZARET LOPEZ-MARTINEZ and DAVID BARKIN	PSTR 062	POSTER SESSION 3
MARIO FUENTE-CARRASCO; DANIEL TAGLE e DAVID BARKIN		SAndSSION 13
MARIT WIDMAN WIDMAN		SESSION 50
MARKKU LEHTONEN		SESSION 58

MARKKU LEHTONEN		SESSION 41
MARLEN ARNOLD		SESSION 39
MARLEN ARNOLD and THOMAS PIEPER		SESSION 77
MARTA CONDE PUIGMAL, BRUNO CHAREYRON, MARCELO FIRPO, RENAN FINAMOR, BERTCHEN KHORS, HILMA MOTE	JUNE 17	SALVADOR DALI ROOM
MARTA CONDE PUIGMAL; BRUNO CHAREYRON; MARCELO FIRPO; RENAN FINAMORE and BERTCHEN KHORS	PSTR 037	POSTER SESSION 2
MARTA OLAZABAL e UNAI PASCUAL		SESSION 13
MARY M TIMNEY		SESSION 01
MARY MENTON, HUGO CHE PIU, JAVIER PERLA, DANIELA FREUNDT	JUNE 18	PANCETTI ROOM 13:30 – 15:00
MASACHIKA SUZUKI		SESSION 84
MASARU ICHIHASHI; SATORU KOMATSU and SHINJI KANEKO		SESSION 42
MASARU ICHIHASHI; SHINJI KANEKO; SATORU KOMATSU	JUNE 18	SCLIAIR ROOM 9:00 – 10:30
MATEO CORDIER and GUILLAUME BAILLY	PSTR 013	POSTER SESSION 1
MATEO CORDIER; JOSÉ A. PÉREZ AGÚNDEZ; SÉBASTIEN ROCHETTE and WALTER HECQ		SESSION 43
MATHIS WACKERNAGEL; KYLE GRACEY; GEMMA CRANSTON; DEANNA KARPETAYAN; JUAN CARLOS MORALES and ALESSANDRO GALLI		SESSION 51
MATIAS G BOLL and PINGSUN LEUNG		SESSION 06
MATTEO BORZONI; FRANCESCO RIZZI e MARCO FREY	PSTR 055	POSTER SESSION 2
MATTEO BORZONI; RIZZI FRANCESCO e FREY MARCO		SESSION 26
MATTHIAS RUTH; ANDREW BLOHM; REBECCA GASPER; NANA KARLSTETTER; JAKOB WACHSMUTH; MARINA BEERMANN; TOBIAS EICKEMEIER and STEFAN GÖSSLING-REISEMANN		SESSION 54
MAYA KOCIAN; DAVID BATKER and JENNIFER HARRISON-COX	PSTR 053	POSTER SESSION 2
MD. MAHMUDUL ALAM; CHAMHURI SIWAR; WAHID MURAD and MOHD EKHWAN TORIMAN		SESSION 83
MEENAKSHI JERATH; MAHADEV G BHAT and VICTOR H RIVERA-MONROY		SESSION 82
MEIKE BUKOWSKI		SESSION 16

MELANIE MEWES; FRANK WÄTZOLD; KARIN JOHST; ASTRID STURM and MARTIN DRECHSLER		SESSION 12
METTE KRONBORG; ANNE METTE LYKKE; METTE TERMANSEN and ANDERS BARFOD		SESSION 31
MICHAEL HUEBLER		SESSION 24
MICHAEL HUEBLER and ANDREAS LOESCHEL		SESSION 29
MICHAEL SOEGAARD JOERGENSEN and BRUNO MILANEZ		SESSION 71
MICHAEL WINER	JUNE 17	SCLIAIR ROOM 13:30 – 15:00
MICHAL SEDLACKO		SESSION 51
MICHAL SEDLACKO; ANDRE MARTINUZZI; INGE RØPKE; FRANCOIS SCHNEIDER; PAULA ANTUNES and NUNO VIDEIRA		SESSION 46
MICHEL AUGUSTO PAIXÃO and SILVIA HELENA MIRANDA	PSTR 094	POSTER SESSION 3
MICHELE FRIEND FRIEND		SESSION 03
MICHELE GRAZIANO CEDDIA; SABINE SEDLACEK; NICHOLAS OLIVER BARDSLEY and SERGIO GOMEZ-Y-PALOMA		SESSION 34
MICHELINE FLÔRES PORTO and SOFIA CAMPIOLO	PSTR 033	POSTER SESSION 2
MIGUEL CHAVES and GRAZIANO CEDDIA		SESSION 34
MIGUEL ESTEBAN; QI ZHANG; ALEXANDROS GASPARATOS; PER STROMBERG and GORKA LONGARTE-GALNARES		POSTER SESSION 1
MIKOA AJ CZAJKOWSKI; MAREK GIERGICZNY and RICHARD CARSON		SESSION 09
MILDRED GUSTACK DELAMBRE		SESSION 22
MOIRA MOELIONO, CALEB GALLEMORE, MARIA BROCKHAUS and LEVANIA SANTOSO	JUNE 18	PANCETTI ROOM 13:30 – 15:00
MONICA A AMORIM and FRANCISCO OLIVEIRA		SESSION 16
MONICA DI GREGORIO, MARIA BROCKHAUS, TIM CRONIN, EFRIAN MUHARRAM, LEVANIA SANTOSO	JUNE 18	PANCETTI ROOM 13:30 – 15:00
MORENA MILLS; JEAN PAUL METZGER and HUGH POSSINGHAM		SESSION 19
MORITZ A. DRUPP		SESSION 19
NADRA OSMAN		SESSION 72
NANCY SCHUMM	PSTR 016	POSTER SESSION 1

NAOUFEL MZOUGHJI; GHISLAIN GENIAUX and CLAUDE NAPOLÉONE		SESSION 85
NATHALIA GALERA SILVA and SILVIA HELENA GALVÃO DE MIRANDA		SESSION 72
NAZIA MINTZ-HABIB		SESSION 72
NAZIA MINTZ-HABIB		SESSION 76
NICOLA DA SCHIO		SESSION 01
NIELS PETER HAHNEMANN		SESSION 05
NIGUSSIE ABADI MISTRU and NICK CHISHOLM NICHOLAS		SESSION 62
NILANJAN GHOSH		SESSION 83
NINA HONKELA HONKELA OLIVIER CHANEL; LAURENCE DELATTRE and CLAUDE NAPOLEONE		SESSION 27 SESSION 10
ØRNULF SEIPPEL, PER ARILD GARNÅSJORDET, BRUNA DE MARCHI, IULIE ASLAKSEN	JUNE 19	SCLIAIR ROOM 9:00 - 10:30
PABLO MUÑOZA, ELORM DARKEYB , KIRSTEN OLESONC, KEVIN MUMFORDD , LEONIE PEARSON	JUNE 19	SALVADOR DALI ROOM 15:15 – 16:45
PANAGIOTIS KALIMERIS and KOSTAS BITHAS		SESSION 67
PANOS PETRIDIS and IRENE PALLUA		SESSION 10
PAOLA BEATRIZ MAY REBOLLAR; JOSHUA FARLEY; ABDON SCHMITT; VICTOR BARBOSA CARMO and CARLOS LOCH	PSTR 078	POSTER SESSION 3
PASCAL GASTINEAU; EMMANUELLE TAUGOURDEAU PASCAL VAN GRIETHUYSEN		SESSION 69
PASQUA L'ABBATE; LUCIO LAURETI and TOMMASO LUZZATI		SESSION 81
PATRICIA CARLA BARBOSA PIMENTEL and SOFIA CAMPIOLO	PSTR 067	POSTER SESSION 3
PATRICIA PERKINS		SESSION 45
PATRICK BOND, KHADIJA SHARIFE, BARUTI B. AMISI, FIDELIS ALLEN, RUTH CASTEL-BRANCO	JUNE 17	SALVADOR DALI ROOM
PATRICK MARTIN SCHROEDER and RALPH B. CHAPMAN		SESSION 01
PATRICK SCHEMBRI; KATIA RADJA and GUILLAUME BAILLY		SESSION 66
PATRICK TEN BRINK, ROBERTO SMERALDI, HERMAN MULDER, STEVEN STONE	JUNE 18	VELASQUEZ ROOM 15:15 – 16:45
PAUL SAFONOV		SESSION 25

PAULA BERNASCONI; JOAO PAULO SOARES DE ANDRADE e CAROLINA DE OLIVEIRA JORDÃO		SESSION 20
PAULA SIMÕES; LUIS CRUZ e EDUARDO BARATA		SESSION 09
PAULA SOLEDAD CASTESANA e SALVADOR ENRIQUE PULIAFITO	PSTR 066	POSTER SESSION 3
PAULO A.L.D. NUNES		SESSION 59
PAULO A.L.D. NUNES, MARIA LOUREIRO	JUNE 18	SALVADOR DALI ROOM 15:15 – 16:45
PAULO GONZAGA MIBIELLI DE CARVALHO; CLITIA HELENA BACKX MARTINS; FREDERICO CAVADAS BARCELLOS e GUILHERME GUIMARÃES MOREIRA		SESSION 45
PAULO V. PIVA HARTMANN; VINCENZINA CAPUTO e MAURIZIO CANAVARI		SESSION 85
PAVAN SUKHDEV, DR. BRAULIO FERREIRA DE SOUZA DIAS, JOCHEN ZEITZ ,MR. BÅRD VEGAR SOLHJELL,JANEZ POTONIK	JUNE 18	VELASQUEZ ROOM 11:00 – 12:30
PEDRO BAPTISTA DOS SANTOS e CLITIA HELENA BACKX MARTINS		SESSION 64
PEDRO DOS SANTOS PORTUGAL JÚNIOR; BASTIAAN PHILIP REYDON e NILTON DOS SANTOS PORTUGAL	PSTR 017	POSTER SESSION 1
PEDRO JORGE CAMPELLO RODRIGUES PEREIRA		SESSION 56
PEDRO LUIS PEREZ; JULIEN BRUN; ANA CITLALIC GONZALEZ-MARTINEZ; MARIANA WALTER e JOAN MARTINEZ-ALIER	PSTR 020	POSTER SESSION 1
PER ARILD GARNÅSJORDET e BJART HOLTSMARK		SESSION 62
PERNILLE GOOCH	PSTR 074	POSTER SESSION 3
PETER H. MAY, MARIA FERNANDA GEBARA, BRUNA RANÇÃO CONTI, GUILHERME RODRIGUES LIMA	JUNE 17	VOLPI ROOM 15:15 – 16:45
PETER UTTING	JUNE 17	SCLiar ROOM 13:30 – 15:00
PETER UTTING	JUNE 17	SCLiar ROOM 13:30 – 15:00
PETROS CHATZIMPIROS e SABINE BARLES		SESSION 64
PHAM THU THUY AND BUI THI MINH NGUYET	JUNE 18	PANCETTI ROOM 15:15 – 16:45
PHILIP LAWN		SESSION 18
PHILIP LAWN		SESSION 29
PIERRE SCEMAMA e HAROLD LEVREL		SESSION 05

PLEASA SERIN ABRAHAM and HARIPRIYA GUNDIMEDA		SESSION 86
PRISCILA F. M. LOPES; ALPINA BEGOSSI	JUNE 18	SCLiar ROOM 9:00 – 10:30
PURVI SEVAK and JOSHUA FARLEY		SESSION 62
RACHNA YADAV and ANAMIKA BARUA		SESSION 58
RAFAELA RODRIGUES CORREIA	PSTR 052	POSTER SESSION 2
RAISSA GUERRA	JUNE 18	PANCETTI ROOM 9:00 – 10:30
RAJALAKSHMY NANDAGOPAL NANDAGOPAL		SESSION 31
RAJARSHI BANERJI; INDRILA GUHA; CHANDAN ROY; JOYASHREE ROY and SOMNATH BHATTACHARYA		SESSION 83
RAKESH KUMAR SAXENA		SESSION 75
RALF BARKEMEYER; FRANK FIGGE; ANDREAS HOEPNER and DIANE HOLT		SESSION 52
RASHID SUMAILA and FREDERIC LAMANACH	JUNE 19	SALVADOR DALI ROOM 15:15 – 16:45
RENÉ AUDET		SESSION 26
RENZO REMOTTI	PSTR 012	POSTER SESSION 1
RICARDO CORREIA and CATARINA ROSETA PALMA		SESSION 15
RICARDO DE OLIVEIRA FIGUEIREDO; JAN BORNER and ERIC ATLAS DAVIDSON	PSTR 035	POSTER SESSION 2
RICHARD HOWARTH	JUNE 19	SALVADOR DALI ROOM 13:30 – 15:00
RICHARD WEISSKOFF		SESSION 76
RIKARD OLOF WARLENIUS		SESSION 57
RIKARD WARLENIUS	JUNE 17	SALVADOR DALI ROOM 13:30 – 15:00
RITA LOPES and NUNO VIDEIRA		SESSION 17
RIYONG BAKKEGAARD	JUNE 19	SCLiar ROOM 15:15 – 16:45
RIYONG KIM-BAKKEGAARD	JUNE 18	PANCETTI ROOM 9:00 – 10:30
ROBERT BARNES and NICHOLAS RIVERS	PSTR 049	POSTER SESSION 2
ROBERT D MOHR and SHRAWANTEE SAHA		SESSION 38
ROBERT E. MORAN	JUNE 17	SALVADOR DALI ROOM
ROCIO DEL PILAR MORENO and JORGE HIGINIO MALDONADO	PSTR 005	POSTER SESSION 1

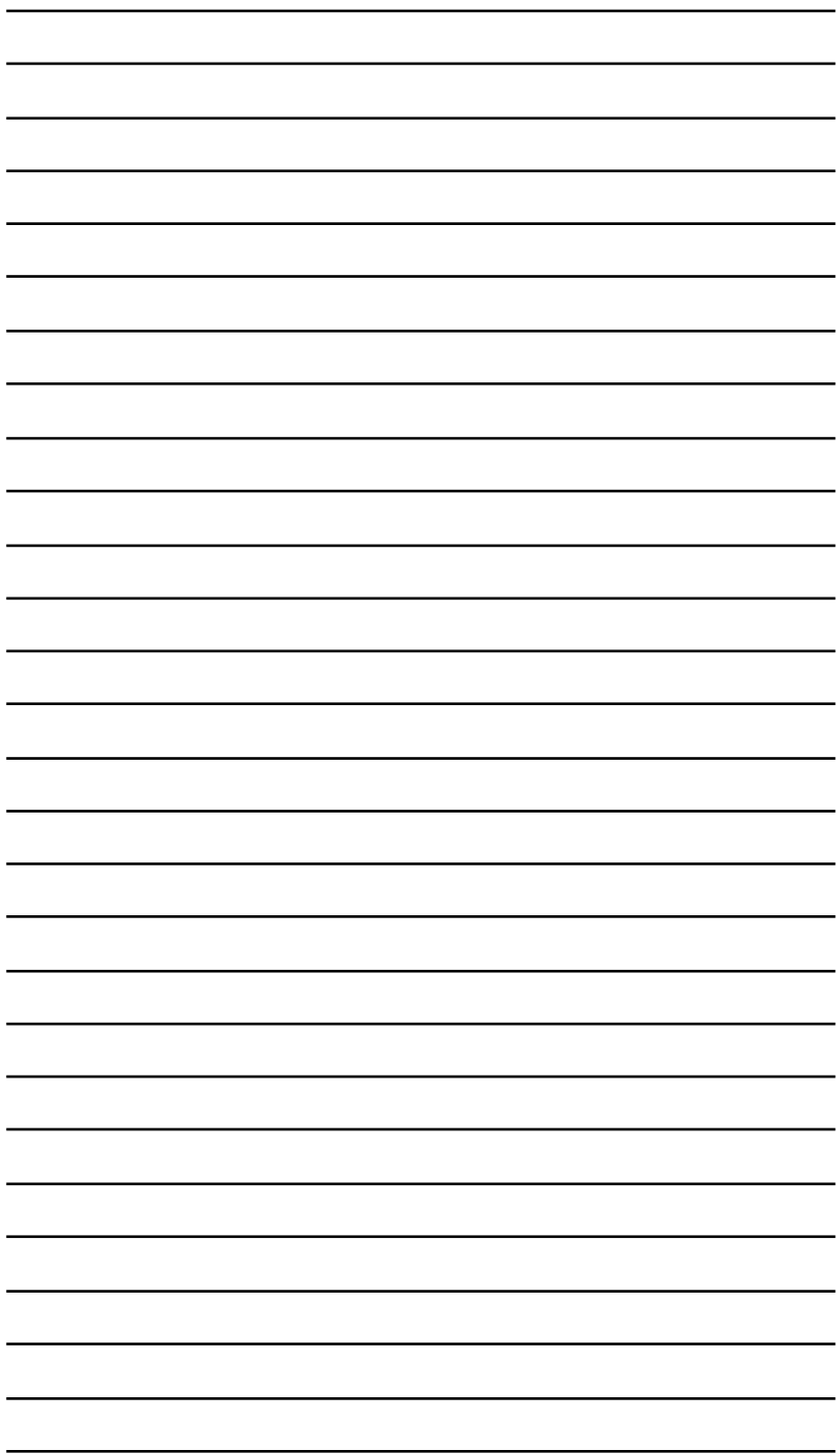
RODRIGO SERGIO CASSOLA; IRENE RING	JUNE 17	PANCETTI ROOM 15:15 – 16:45
ROGER JOHN ADAM MARTIN	PSTR 197	SESSION 52
ROMAIN WEIKMANS		SESSION 47
ROMAN ANATOLYEVICH VAKULCHUK		SESSION 60
RONALDO SEROA DA MOTTA, JORGE HARGRAVE, CAROLINA DUBEUX, SERGIO MARGULIS	JUNE 16	SALVADOR DALI ROOM
ROXANA JULIÁ e FAYE DUCHIN		SESSION 75
ROY BROUWER; ABONESH TESFAYE; PIETER PAUW	JUNE 17	PANCETTI ROOM 9:00 – 10:30
RUI FERREIRA DOS SANTOS, DAVID N. BARTON, IRENE RING, PETER MAY	JUNE 17	VOLPI ROOM 9:00 – 10:30
RUI PEDRO MOTA and TIAGO DOMINGOS		SESSION 59
RUI SANTOS , IRENE RING, PAULA ANTUNES, PEDRO CLEMENTE	JUNE 17	VOLPI ROOM 15:15 – 16:45
RYUNOSUKE HAMADA and TOSHIAKI OHKURA	PSTR 018	POSTER SESSION 1
SABINA CERRUTO RIBEIRO; LAÉRCIO GONÇALVES JACOVINE; LUCAS REZENDE GOMIDE and JOSÉ PEREIRA DE REZENDE	PSTR 061	POSTER SESSION 3
SABINE BARLES; PETROS CHATZIMPIROS and EUNHYE KIM		SESSION 68
SALLA RANTALA	JUNE 18	PANCETTI ROOM 13:30 – 15:00
SALLET KRISTINE-ELENA		SESSION 06
SALLY ANN JOSEPH		SESSION 36
SANDRA MARIA NEIVA SAMPAIO; ALFREDO KINGO OYAMA HOMMA; ANNE ELISABETH LAQUES; IZILDINHA SOUZA MIRANDA SOUZA MIRANDA and DANIELLE MITJA		SESSION 31
SANGEETHA RAMACHANDRAN PARTHASARATHI		SESSION 33
SARADINDU BHADURI and ANUSHREE SINGH		SESSION 04
SATOSHI KOJIMA; TAKASHI YANO and YASUHIKO HOTTA	PSTR 063	POSTER SESSION 3
SAUDAMINI DAS	JUNE 17	SCLIAR ROOM 9:00 – 10:30
SAUDAMINI DAS and KANCHAN CHOPRA		SESSION 49
SEBASTIAN BATTRAM		SESSION 48

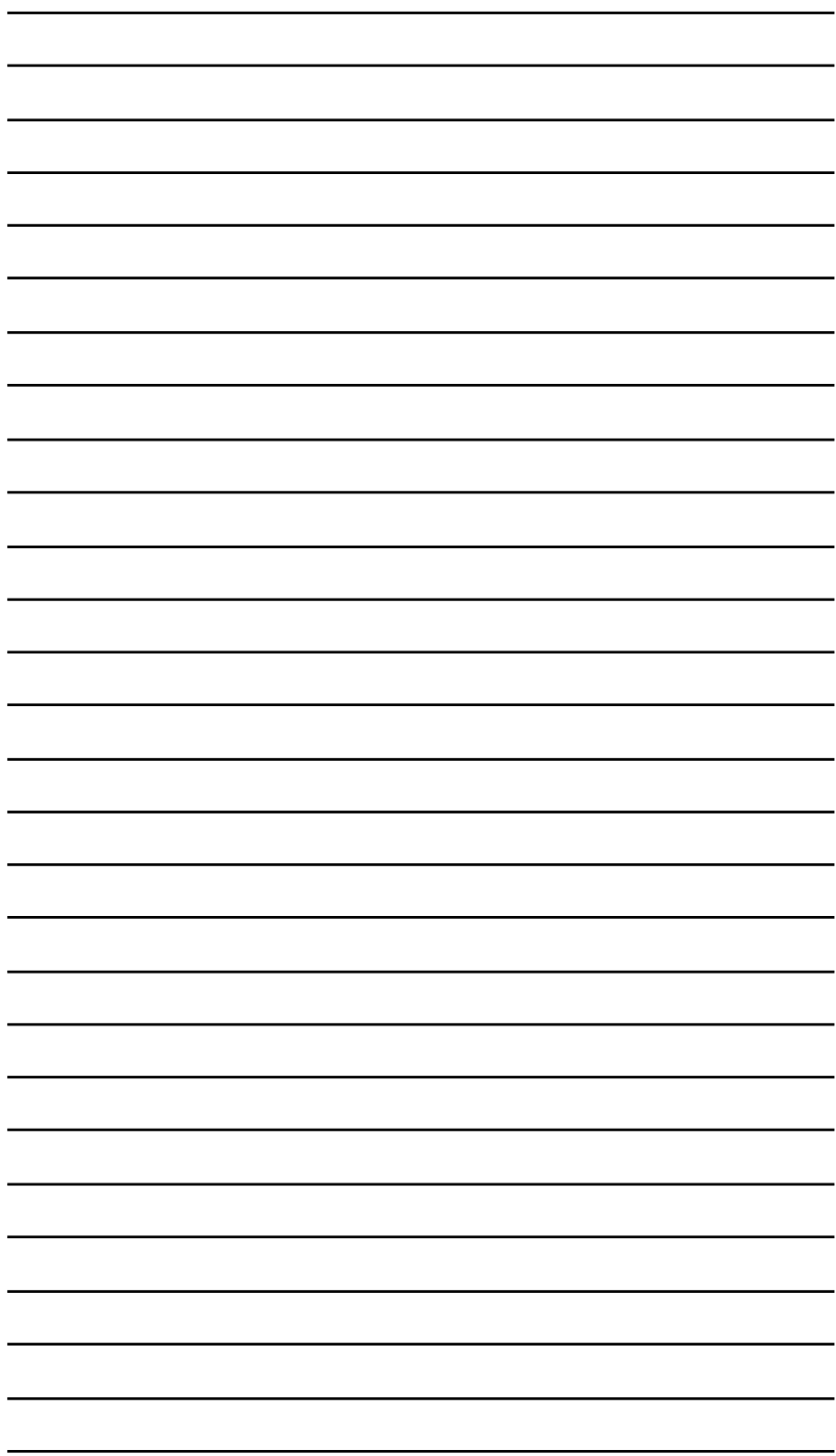


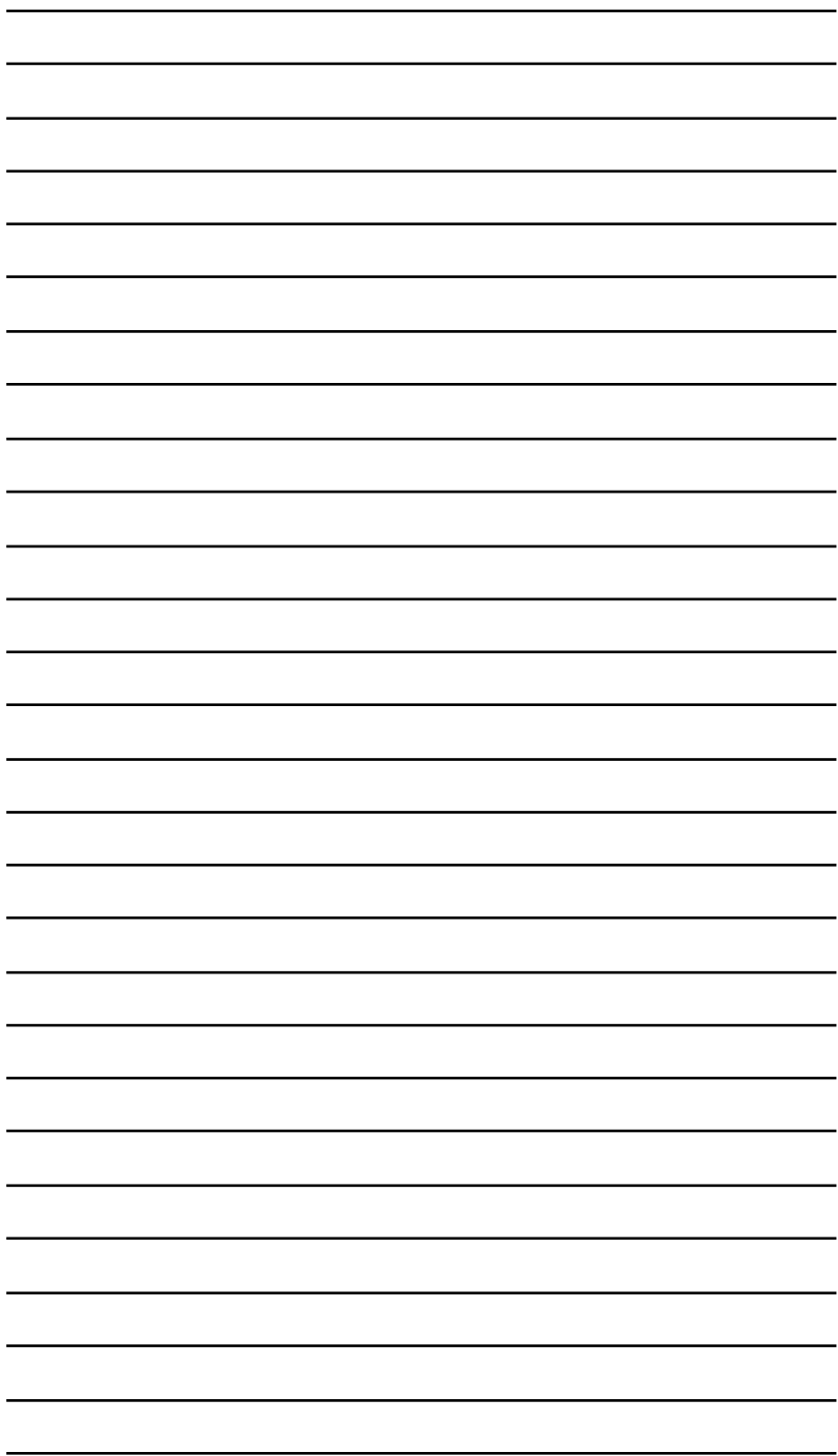
SEBASTIAN JOACHIM RENNER; NICOLE GRUNEWALD; JANN LAY; JAN MINX and MIRJAM HARTEISEN		SESSION 66
SEBASTIAN ROBERT GOERS e BARBARA PFLÜGLMAYER		SESSION 29
SEBASTIAN THOMAS; YUEN YEW CHANG; PAUL DARGUSCH and ANDREW GRIFFITHS		SESSION 60
SEBASTIEN MARCHAND and HUANXIU GUO		SESSION 64
SEBASTIEN MARCHAND; JOSÉ FERES and ALEXANDRE SAUQUET		SESSION 62
SEPUL K. BARUA; JUSSI LINTUNEN; JUSSI UUSIVUORI and JARI KUULUVAINEN		SESSION 63
SERGIO ALMEIDA PACCA; SERGIO VICENTE; CHRIS JONES; PETER MAY	JUNE 18	SCLIAIR ROOM 9:00 – 10:30
SÉRGIO GOMES TÔSTO; LAURO CHARLET PEREIRA; ADEMAR RIBEIRO ROMEIRO and JOÃO ALFREDO MANGABEIRA	PSTR 090	POSTER SESSION 3
SÉRGIO GOMES TÔSTO; LAURO PEREIRA CHARLET; ADEMAR RIBEIRO ROMEIRO and JOÃO ALFREDO MANGABEIRA	PSTR 089	POSTER SESSION 3
SERGIO MANTOVANI PAIVA PULICE and PAULO ANTONIO ALMEIDA SINISGALLI		SESSION 56
SÉRGIO MATTOS FONSECA		SESSION 11
SERGIO MEDEIROS RIVERO		SESSION 80
SHAILLY KEDIA KEDIA		SESSION 14
SHAOZENG ZHANG, MARIA FERNANDA GEBARA, PETER MAY	JUNE 18	PANCETTI ROOM 15:15 – 16:45
SHIGEO SHIKI; SIMONE DE FARIA NARCISO SHIKI; PATRÍCIA LOPES ROSADO and ELAINE APARECIDA FERNANDES		SESSION 37
SHINJI KANEKO; MASARU ICHIHASHI; SHOBHAKAR DHAKAL	JUNE 18	SCLIAIR ROOM 9:00 – 10:30
SHIRLEY PACHECO	JUNE 18	MADRID III ROOM 15:15 – 16:45
SHULING CHEN LILLEMO; FRODE ALFNES; BENTE HALVORSEN e METTE WIK		SESSION 82
SIGRUN MARIA KRISTINSDOTTIR; KRISTIN VALA RAGNARSDOTTIR and BRYNHILDUR DAVIDSDOTTIR		SESSION 61
SIMONE C. BAUCH, SUBHRENDU K. PATTANAYAK, ERIN O. SILLS	JUNE 19	SALVADOR DALI ROOM 9:00 – 10:30

SIMONE GEORGES EL KHOURI MIRAGLIA; LUCAS CAMPANER ALVES; FERNANDO RODRIGUES-SILVA; LUÍS FERNANDO AMATO-LOURENÇO and PAULO HILÁRIO NASCIMENTO SALDIVA	PSTR 030	POSTER SESSION 1
SIMRON JIT SINGH e FRIDOLIN KRAUSMANN		SESSION 24
SOLANGE RODRIGUES DOS SANTOS CORREA; KATIANNY GOMES SANTANA ESTIVAL and CARINA DE FARIAS GONÇALVES	PSTR 011	POSTER SESSION 1
SONGPEI WANG and MAOXU LI		SESSION 49
SØREN BØYE OLSEN; CARSTEN LYNGE JENSEN; ALEX DUBGAARD; BRIAN JACOBSEN and BERIT HASLER		SESSION 04
STALE NAVRUD and JON STRAND	JUNE 19	SALVADOR DALI ROOM 9:00 – 10:30
STEFAN BAUMGÄRTNER; MORITZ A. DRUPP; JAN M. MUNZ; JASPER N. MEYA e MARTIN F. QUAAS		SESSION 19
STEFANIE BAASCH	JUNE 19	SCLIAR ROOM 15:15 – 16:45
STEFANIE GLOTZBACH		SESSION 02
STEFANIE GLOTZBACH		SESSION 25
STELLA NORDHAGEN		SESSION 02
STEPHEN POSNER and ROBERT COSTANZA		SESSION 84
STEVE HATFIELD-DODDS		SESSION 37
STEVE HATFIELD-DODDS		SESSION 49
STEVEN VAN PASSEL		SESSION 43
STEVEN VAN PASSEL and ROBERT MENDELSON		SESSION 67
SUMANA DATTA		SESSION 63
SYLVIE FERRARI and BOUKARY OUEDRAOGO	PSTR 057	POSTER SESSION 2
SYLVIE GEISENDORF GEISENDORF		SESSION 18
TAKEHRIO USUI and MITSUKO CHIKASADA	PSTR 009	POSTER SESSION 1
TAKEHRIO USUI; KAKAMU KAZUHIKO and MITSUKO CHIKASADA	PSTR 003	POSTER SESSION 1
TAKURO UEHARA		SESSION 12
TAKURO UEHARA; YOKO NAGASE and WAYNE WAKELAND		SESSION 17
TANIA OSEJO CARRILLO; TOBIAS WÜNSCHER and MATTHIAS DIETER		SESSION 63
TATJANA TAMBOVCEVA; INETA GEIPELE and SANDA GEIPELE		SESSION 13

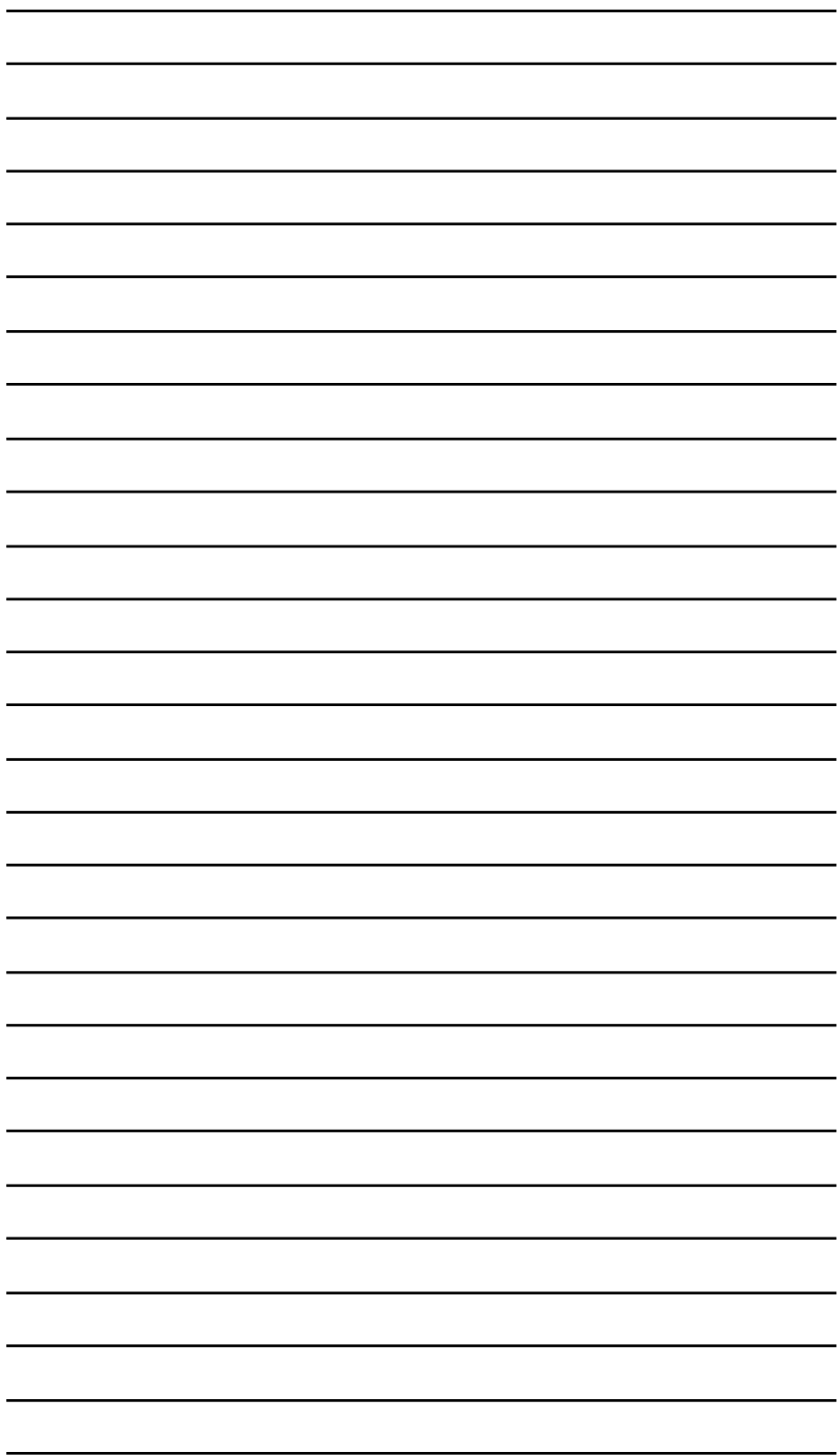
TATYANA TAGAEVA; LIDIA KAZANTSEVA and VADIM GILMUNDINOV		SESSION 11
THIERRY MOLNAR PRATES	PSTR 079	POSTER SESSION 3
TIMOTHY LAING and CHARLES PALMER		SESSION 08
TOBIAS LUTHE; JORIS VAN WEZEMAEEL; JAN SILBERBERGER and FRANZISKA HASSELMANN		SESSION 68
TOBIAS LUTHE; THOMAS KÄGI and JAN REGER	PSTR 038	POSTER SESSION 2
TOBIAS WÜNSCHER; MERCELYNE LUXEN KHALUMBA; MIRJAM BÜDENBENDER and KARIN HOLM-MÜLLER		SESSION 63
TOBIAS WÜNSCHER; STEFANIE ENGEL	JUNE 17	PANCETTI ROOM 15:15 – 16:45
TOM L GREEN		SESSION 25
TOWNSEND PETERSON; RANIA SPYROPOULOU and JEAN-LOUIS WEBER	JUNE 19	SCLIAR ROOM 9:00 - 10:30
UDITH KRISHANTHA JAYASINGHE-MUDALIGE and MENUKA UDUGAMA		SESSION 38
UMESH BABU M S and PUTTAIAH E T		SESSION 83
VANESSA BOANADA FUCHS and ANTHONY BOANADA-FUCHS		SESSION 77
VERA CAMACHO VALDEZ; ARTURO RUIZ LUNA; ANDREA GHERMANDI and PAULO A.L.D. NUNES		SESSION 43
VINCENT BANOS and BÉNÉDICTE RULLEAU		SESSION 70
VINICIUS PAGANI MELO and LUCIANA TOGEIRO DE ALMEIDA		SESSION 73
VOLKER MAUERHOFER		SESSION 23
VOLKER MAUERHOFER		SESSION 50
W BOWMAN CUTTER; ALEC HALPERN and WAGNER GUZMAN CASTILLO		SESSION 25
WALTER ALBERTO PENGUE WANDER DA CONCEIÇÃO SILVA and ALAN CAVALCANTI DA CUNHA	PSTR 015	POSTER SESSION 1
WILLIAM WILLS and EMILIO LÈBRE LA ROVERE	PSTR 077	POSTER SESSION 3
WILLIAM WILLS and JULIEN LEFEVRE	PSTR 007	POSTER SESSION 1
WINNIE OVERBEEK	JUNE 17	SALVADOR DALI ROOM
YANNICK CHRISTIAN BEAUDOIN; LINWOD PENDLETON and ANNE SOLGAARD		SESSION 12
YU CHEN and MAHADEV BHAT		SESSION 46















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