

# 2001 CONFERENCE PROGRAM

7th International Interdisciplinary  
Conference on the Environment  
July 2-4, 2001  
San Francisco - California / USA  
Best Western Grosvenor Hotel  
380 South Airport Boulevard  
San Francisco, California 94080, USA  
Tel: (800) 722-7141  
Fax: (650) 589-3495

## INSTRUCTIONS TO PROGRAM PARTICIPANTS

**Session Time Allocations:** Most sessions are 90 minutes long; some are 105 minutes long. Each presenter should not take more than 20 minutes and each discussion no more than 5 minutes. The remaining time should be available for open discussion.

**Session Chairs:** Assume overall responsibility for your session. Make an effort to contact the session participants before the meeting. Inform them that each presentation room will be equipped with an overhead projector and flip chart. Ask them if they have any special needs relating to their presentation and/or discussion. Arrive at the session room 10 minutes in advance and make sure that it is properly equipped. Welcome and introduce the participants. Start the session on time and adhere to the time schedule. Discussants should follow presenters. Moderate the open discussion to the best of your ability.

**Presenters:** Stay within the allotted time even though it may not be enough! Be well prepared. For audio-visual equipment other than overhead projectors and flip charts, which will be provided in all meeting rooms, contact Kevin L. Hickey or Demetri Kantarelis. You must have your session number, day, and time before equipment can be reserved. All arrangements and charges for such equipment are your responsibility. Please do not just read your paper. Your presentation of main points, methods, and conclusions should lead to a fruitful discussion during and after the session. Make available copies of your paper.

**Discussants:** Be prepared to offer your "positive" remarks first. Then offer any "negative" remarks in a constructive way. Stay within the allotted time. If you cannot meet your commitment, please make an effort to find a substitute discussant, and contact the registration desk as well as the session chair immediately. Please contribute as much as you can to the discussion of all papers. If the session's chair is absent, the last discussant listed should take on the role of the chair.

## **PROGRAM**

**MONDAY: July 2, 2001**

**REGISTRATION AND  
CONTACT TIME/COFFEE**

**8:00-8:45 AM**

**Room: Essex**

Date: 7-2 Time: 8:45-10:15 AM Room: Kent

**Session [1]: Environmental Necessities: Communication and Education**

### Panel A

Ban Yu 1 *Guangxi Daily, The People's Republic of China*

"How Influencing Public Opinion Can Affect the Public's Awareness of Environmental Protection"

Shyamala Mani 2 K. Babu *Jawaharlal Nehru Univ., India*

*L.R. Gopinath Centre for Environment Education, India*

"Conservation through Education"

*Bridget Lyons, Marian Calabrese 3 Sacred Heart Univ., Connecticut*

*Teresa Ralabate Lifesystems, Inc., Connecticut*

"Integrating Environmentally Focused Experiential Learning into the Curriculum: An Interdisciplinary Case Study"

Chair: Mike Reiter

Discussants: 1Kamal Hadad, 1Michael Reiter, 2Caroline Hunt, 2Sr. Kathy Livingstone, 3Carlos de la Parra, 3Rosaleen Duffy

Date: 7-2 Time: 8:45-10:15 AM Room: Marlborough

**Session [2]: Environmental Justice and Practicality**

### **Panel B**

**Cheryl Teelucksingh** 1 *York University, Canada*

"Doing Environmental Justice Research: The Challenge of Operationalizing Conceptions of the Environment in Field Research Interviews"

Rosalind Malcolm 2 *Univ. of Surrey, U.K.*

"Should Acts of Environmental Pollution Be De-Criminalised?"

Phillipa K. Wells 3 *Univ. of Waikato, New Zealand*

"Have Another Slice of Dodo Dear"

Chair: Peter Schultz

Discussants: 1Meenal Shrivastava, 1Beverly Kracher, 2Paul Gallagher, 2Yoram Levy, 3Mosbery Dobkin,  
3Peter Schultz

**Contact Time/Juice Break**

**10:15-10:30 AM**

**Room:** Essex

Date: 7-2 Time: 10:30-12:00 NOON Room: Tudor

Session [3]: **Clean Air: Policy and Practice**

**Panel A**

**Takashi Hattori** 1 *Ministry of Health, Labour + Welfare, Japan*

"Renegotiations at the Post-Agreement Period: the Future of the Kyoto Protocol"

Mariam Stepanyan 2 *Lamar University, Texas*

"The U.S. Clean Air Act: Dynamics of Development"

Chair: Beverly Kracher

Discussants: 1Gary O'Donovan, 2Steven Gale, 2Maria Ipate

Date: 7-2 Time: 10:30-12:00 NOON Room: Kent

Session [4]: **Economics Role in Environmental Change**

**Panel B**

**Gen Cannibal, Gavin Winnard** 1 *Univ. of Derby, U.K.*

"An Approach for Assessing Changing Attitudes towards the Environment within Local Government Using Lichtenstein's Model for Organizational Change"

Anthony Lumby 2 *Univ. of Natal, South Africa*

"The Economics of Biodiversity Conservation"

Lall Ramrattan 3 *Univ. of California - Berkeley, California*

Michael Szenberg *Pace Univ., New York*

"The Influence of International Trade on the Environment"

Chair: Bridget Lyons

Discussants: 1Nikolaos Hasanagas, 1Kimberly Reiter, 2Bridget Lyons, 2Patricia O'Brien, 3Himansu Jha

**Lunch Break/Open Time**

**12:00 NOON - 1:30 PM**

Date: 7-2 Time: 1:30-3:00 PM Room: Marlborough

Session [5]:**Development and Planning: Going Hand in Hand?**

**Panel A**

Carlos de la Parra 1 *Estudios Urbanos y Ambientales, Mexico*

"From the 'Dream of Development' to an 'Urban Awakening': An Interdisciplinary Look at the Challenges Ahead"

John Gulick 2 *Univ. of California - Santa Cruz, California*

"The Urban Ecological Contradictions of Capacity Expansion at the Port of Oakland"

C.Y. Jim 3 *Univ. of Hong Kong, Hong Kong*

"Principles and Practice of Greening Compact Urban Areas"

Chair: Dean Birch

Discussants: 1Raj Dhruvarajan, 2Guldem Gokcek, 3Muriel Strand, 3Marjolein Zweekhorst

Date: 7-2 Time: 1:30-3:00 PM Room: Tudor

Session [6]:**Roundtable Gaia Worcester: Integrating Environmental Concepts in the Classroom. What's Next?**

Moderators

Sr. Kathy Livingstone

Assumption College University Transportation Center, Massachusetts

Drew Cummings

The Bancroft School, Massachusetts

**Contact Time/Juice Break**

3:00-3:20 PM

Room: Essex

Date: 7-2 Time: 3:20-4:15 PM Room: Kent

Session [7]:

Keynote A

Richard Stroup *Montana State Univ., Montana*

"When Are Market Solutions to Environmental Problems the Best Solutions?"

Introduction: Tibor Machan

**TUESDAY: July 3, 2001**

**CONTACT TIME/COFFEE**

**8:00-8:45 AM**

**Room: Essex**

Date: 7-3 Time: 8:45-10:15 AM Room: Kent

Session [8]:**Water: International Perspectives**

Panel A

Steven Gale 1 *U.S. Agency for International Development, Washington, DC*  
Matthew Addison *Nextant-Bechtel Technologies and Consulting, Washington, DC*  
*"Moscow Water Quality Project: What Worked, What Didn't"*

Caroline Jaraula, F. Siringan, Z. Mateo, R. Berdin, J. Ong, Y. Yacat 2 *Univ. of Philippines, Philippines*  
*"Sediment Dispersal and Its Implications along a Segment of the Cagayan De Oro River and Macajalar Bay Coast"*

David Pietz 3 *Assumption College, Massachusetts*  
*"China's Environment: On the Precipice"*

Chair: Guldem Gokcek

Discussants: 1Takashi Hattori, 1Mariam Stepanyan, 2Shyamala Mani, 2Cheryl Teelucksingh, 3Rosalind Malcolm

Date: 7-3 Time: 8:45-10:15 AM Room: Marlborough  
Session [9]: **Environmental Spread-Sheets: Changing the Bottom Line**

Panel B

Wai Hsien Cheah 1 *Univ. of Kentucky, Kentucky*  
*"Social Environmental Marketing: A New Approach, A New Name, and A New Life for Green-Marketing"*

Patricia O'Brien 2 *RMIT Univ., Australia*  
*"Natural Resources Accounting: An Examination of Accounting for the Productive Capacity of Soil Quality"*

Gary M. O'Donovan 3 *Victoria Univ., Australia*  
*"Environmental Accounting: Good for Business, Bad for the Planet"*

Chair: Anthony Lumby

Discussants: 1Anthony Lumby, 1Michael Szenberg, 2Wai Cheah, 2Gen Cannibal, 3Jason Mallory, 3John Gulick

**Contact Time/Coffee Break**

10:15-10:30 AM  
Room: Essex

Date: 7-3 Time: 10:30-12:00 NOON Room: Tudor  
Session [10]: **Ethics and Social Value: Rethinking What We Think We Know**

Panel A

Jason L. Mallory 1 *Texas A & M Univ., Texas*  
*"Gender Essentialism and Environmental Ethics"*

Yoram Levy 2 *Univ. of Nijmegen, The Netherlands*  
*"The Problem with Green Liberal Democracy"*

Eric J. Fitch 3 *Marietta College, Ohio*

"American Roman Catholicism and the Environmental Movement"

Chair: Paul Gallagher

Discussants: 1Kimberly Reiter, 2Dean Birch, 3David Pietz

Date: 7-3 Time: 10:30-12:00 NOON Room: Kent

Session [11]:**Environmental Economics: Policy, Necessity, and Reality**

### **Panel B**

Bridget Lyons, C.J. Wang 1 *Sacred Heart Univ., Connecticut*

"Economic Analysis of Environmental Policy: The Uses and Rule of the Social Discount Rate"

Tibor Machan 2 *Chapman Univ., California*

"Why Radical Free-Market Environmentalism?"

Muriel Strand 3 *Social Movement Empowerment Project, California*

"Social Movement Empowerment Project Economics: Voodoo or Science"

Chair: Raj Dhruvarajan

Discussants: 1David Parsons, 2Peter Schultz, 2Gen Cannibal, 3Linda Hadfield, 3Gary O'Donovan

Date: 7-3 Time:10:30-12:00 NOON Room:Marlborough

Session [12]:**Information and Reality: Managing Our Environmental "Resources"**

### Panel C

Michael A. Reiter 1 *Delaware State Univ., Delaware*

James A. Eagleman *Indiana Dept. of Natural Resources, Indiana*

Jenna Luckenbaugh *Trap Pond State Park, Delaware*

"The Design and Value of Service Learning Partnerships between Colleges and Parks"

Beverly Kracher 2 *Creighton Univ., Nebraska*

Linda Hadfield *Greengauge Consultancy, U.K.*

"Online Environmental Trust"

Chair: Gen Cannibal

Discussants: 1Marjolein Zweekhorst, 2Paul Gallagher, 2Wai Cheah

### Lunch Break/Open Time

12:00 NOON - 1:30 PM

Date: 7-3 Time: 1:30-3:15 PM Room: Kent

Session[13]: **Developing Development**

### **Panel A**

**Manas Bandyopadhyay, Amit Dutta, A.K. Dikshit, S. Ray 1 *Indian Institute of Technology, India***

"Environmental Impact Assessment and its minimization in Refinery for Sustainable Development"

Nonna Manusov, Mosbery Dobkin, Efim Manusov 2 *Center for Ecological Systems and Technology, Israel*

"The Correlation between the Society Sustainable Development and Democracy Development"

Marjolein B.M. Zweekhors, Jeroen Maas, Jacqueline E. W. Broerse, Joske F.G. Bunders 3 *Vrije Univ., The Netherlands*

"Institutionalizing a Transdisciplinary Approach to Technology Development within a Bangladesh NGO"

Delwar Hossain 4 *Islami Bank, Bangladesh*

"Sustainable Community Situation"

Chair: Kimberly Reiter

Discussants: 1Michael Reiter, 1Yannick LeCorre, 2Peter Schultz, 3Bridget Lyons, 3Carlos de la Parra, 4Manas Bandyopadhyay

Date: 7-3 Time: 1:30-3:00 PM Room: Marlborough  
Session [14]:**Environmental Factors and Public Safety**

#### Panel B

Eric J. Fitch1 *Marietta College, Ohio*

"Environmental Regulation, Public Safety and National Security: Case Study of the Response Management Plan Program"

Shyamala K. Mani2 *Jawaharlal Nehru Univ., India*

Raj Dhruvarajan *Univ. of Manitoba, Canada*

Kumar Bansal *Centre for Environmental Education, India*

"Healthcare Waste Management and Impact on the Environment"

Aliyev V. Amir, B.G. Tagiev, R.B. Jabbarov, O.B. Tagiev, S.A. Topcieva, Y.Y. Yolciev 3 *Academy of Science, Azerbaijan*

"The Influence of the Environmental Factors on Chemical Composition of Vipera's Venom"

Chair: Dean Birch

Discussants: 1Mariam Stepanyan, 2Caroline Jaraula, 2Takashi Hattori, 3C.Y. Jim, 3Shyamala Mani

Date: 7-3 Time: 1:30-3:00 PM Room: Tudor  
Session [15]:**Emmanuel Levinas and Environmental Philosophy: A Panel Discussion**

#### Panel C

Robert W. Switzer *The American Univ., Egypt*

"Redeeming the Elemental: Levinas on Nature"

Christian A. Diehm *Villanova Univ., Maryland*

"Reflections on the Face of the Earth"

Robert Frodeman *Univ. of Colorado, Colorado*  
"The Philosophy of Field Science"

Moderator: Paul Gallagher

**Contact Time/Juice Break**

3:00-3:30 PM

Room: Essex

Date: 7-3 Time: 3:30-4:30 PM Room: Marlborough

Session [16]: **American Politics and Environmental Policy Improvement: A Roundtable Discussion**

**Moderator: Peter Schultz**

Roundtable Participants: Rosalind Malcolm, Cheryl Teelucksingh, Phillipa Wells, Takashi Hattori, Mariam Stepanyan, Dean Birch, Drew Cummings, Tibor Machan (Alternate Moderator)

Date: 7-3 Time: 7:00-8:45 PM Room: Windsor

Session [17]: **IEA Dinner**

Dinner Speaker

Michael DeAlessi *Center for Private Conservation, California*  
"Private Conservation to the Rescue"

Introduction: Tibor Machan

**WEDNESDAY: July 4, 2001**

**CONTACT TIME/COFFEE**

**8:00-8:30 AM**

**Room: Essex**

Date: 7-4 Time: 8:30-10:15 AM Room: Kent

Session [18]: **Policies and Pollution: Mismanaging Nature**

Panel A

Kamal Hadad1, M. Mazaheri *Shiraz Univ., Iran*  
"SPM Pollution Profile and Emission Source Contribution in the Shiraz Air"

Astighine Victor Pasoyan 2 *Brown Univ., Rhode Island*  
"Climate Policy in Transition Economics: Armenia"

Syed Amer Mahmood 3 *Univ. of Punjab, Pakistan*  
"Appraisal of Lead-Pollution in Lahore City - Pakistan"

Rosaleen Duffy 4 *Lancaster Univ., U.K.*  
"Globalization and the Environment: The Politics of Peace Parks in Central America"

Chair: Kim Reiter



Discussants: 1Eric Fitch, 2Aliyev Amir, 3Linda Hadfield, 4Beverly Kracher

Date: 7-4 Time: 8:30-10:15 AM Room: Marlborough  
Session [19]: **Environmental Politics**

### **Panel B**

Nikolaos D. Hasanagas 1 *Georg-August Univ., Germany*  
"Implications of the Europeanization in Trans-Sectoral Environmental Policy Areas"

Maria Ipate 2 *Agency for Economic Development, Romania*  
Mihai Geemanu *Eurodec Ploiesti, Romania*  
"Environmental Protection Priorities and Policies in the South-Eastern Europe (SEE)"

Meenal Shrivastava 3 *Univ. of Witwatersrand, South Africa*  
"Globalization of Environmental Concerns: Focus on Hydropolitics"

Chair: Peter Schultz

Discussants: 1Caroline Hunt, 2David Parsons, 3Phillipa Wells

Contact Time/Coffee Break

10:15-10:30 AM  
Room: Essex

Date: 7-4 Time: 10:30-12:00 NOON Room: Kent  
Session [20]: **Water: Supply, Sanitation and Security**

### **Panel A**

Himansu Jha, Abid Shah Hussainy 1 *Australian National Univ., Australia*  
"Integrated Water Resources Management in the Indus Basin, Pakistan - Will Proposed Reforms in the Irrigation Sector Result in Sustainable Water Resource Management and Food Security"

Caroline Hunt 2 *London School of Hygiene and Tropical Medicine, U.K.*  
"Assessing Access to Water Supply and Sanitation, A United Nations Exercise"

Mosberry Dobkin, Nonna Manusov, Efim Manusov 3 *Center for Ecological Systems and Technology Israel*  
"Regions with Shortage in Water Resources: Political Sustainability and Environmental Problems"

Chair: Raj Dhruvarajan

Discussants: 1Astghine Pasoyan, 2Rosaleen Duffy, 3Maria Ipate

Date: 7-4 Time: 10:30-12:00 NOON Room: Marlborough  
Session [21]: **Design, Use and Management: A Micro to Macro Look at Some Environmental Issues**

### **Panel B**

Yannick LeCorre 1 *Ecole d'Architectur de Nantes e, France*

"Towards a Method of Investigation of the 'Ambient Pattern,' for a Better Comprehension of the Relations between the Behaviors of the Pedestrian and the Characteristics of the Environment"

David E. Parsons 2 *Sheffield Hallam Univ., U.K.*

"Home Ownership: The Accelerator of Doom"

Christine C. Strickland, Michael A. Reiter 3 *Delaware State Univ., Delaware*

Kimberly A. Reiter *Stetson Univ., Florida*

"*Historic Roots of the Management Issues at Trap Pond State Park*"

Chair: Meenal Shrivastava

Discussants: 1Linda Hadfield, 2Muriel Strand, 2Aliyev Amir, 3Manas Bandyopadhyay, 3David Parsons