



**Report of the IAI Training,
Communications and Outreach Officer**

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*Buenos Aires, Argentina
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IAI Training and Education

IAI Mission: to develop the capacity to understand the integrated impact of present & future global changes on regional, continental environments in the Americas and to promote collaborative research & informed action at all levels.

Goal: To Augment and Strengthen Capacity Building in the Americas

Special Concerns: Scientific Excellence; Policy Awareness; Integrated Multidisciplinary Research; Multinational Collaboration; IAI Human Network

Mechanisms: A) Graduate Fellowships through Research Programs;
B) Workshops, Scientific Meetings, Seminars;
C) **IAI Training Institutes.**



Institute Year	Theme	# Participants	# Countries
IAI/UM 1999	El Nino/Climate Variability	20	12
IAI/UM 2000	LUCC	18	11
IAI/UM 2001	Water Resources	22	14
2003	Climate Vulnerability	24	13
2003	LUCC/Amazon Region	21	5
2003	Global Warming/Climate Change	18	11
Total		123	

The IAI Institutes have: explored a “niche” in global change research (model to other organizations); increased IAI profile in several fronts (small countries, policy communities).



IAI Training Institutes

Design

- Themes of Regional/Global Importance w/ strong Policy Relevance;
- Needing both natural and social sciences perspectives;
- 1-2 Coordinators (science leaders);
- Invited Guest Lecturers;
- Practical Exercises;
- Duration: 2 weeks;
- Location: IAI member countries;
- Participants: average of 20;
- Based on Partnerships.



IAI Training Institutes in 2003

Results

- All participants ranked the 3 IAI Institutes “Excellent” or “Very Good”;
- Reached out to new people (63) and ALL IAI member countries from L.A. participated (17 countries) + non members (3);
- Increased the quality and diversity of applications (governments, NGO’s, universities, research centers, etc);
- Developed and strengthened institutional relationships among IAI, member countries and other organizations (e.g. Dom. Republic, UNDP, OAS, IRD, LBA) also in co-sponsorship US\$ 85K;
- Fostered human network development, multidisciplinary research, multinational collaboration and development of GEC research themes of regional importance;
- Participants have reported successes in their career (fellowship awards and research grants, organization of similar workshop, exchange of data), etc.





IAI Training Institutes in 2004 Innovations and Strengthening of the Institutes

Follow Model of previous Institutes, but Dynamic, New Challenges

Collaboration with Partner Organizations:

Programmatic, financial, administrative and human resources

Fundraising: New Approach (through partner organizations): US\$ 100K

IHDP, Norwegian Research Council, IFS, APN, FAO, INE, IDRC, UNEP

Strong Training Program:

For example: Multidisciplinary Research, Formulation of Research Projects
Proposal Development and Applying for Funding
From Science to Policy
Practical Exercises (field trips, GIS, remote sensing, data base training, case studies, etc)

Science-Policy Interface:

Science-Policy Forum (communication and Interactions with High-Intermediary level policy & decision makers, report/publication of Forum to policy makers and scientists)



**IAI Institute on Urbanization and
Global Environmental Change in Latin America**

Date: September 27-October 8, 2004 **Site:** Mexico City, Mexico

Objective: To catalyze stronger interactions among academics, stakeholders, policy, decision-makers from L.A. with respect to theories, models, methods, state policies, local initiatives related to Urbanization and GEC and to capture the benefits and mitigate negative environmental and socioeconomic impacts.

Coordinator: Dr. Roberto Sánchez Rodríguez, University of California – Riverside, USA

Fundraising and Partnership Efforts:

- National Institute of Ecology of Mexico (INE) US\$ 10K
- International Human Dimensions Programme (IHDP) US\$ 10K
- Others: UNEP/Mexico and IDRC/Uruguay ?
- In-kind contributions: INE, UNAM





Institute Program

Topics & Structure: to reflect the complex and dynamic range of societal & environmental interactions that take place in urban areas (global-local level). The structure is divided in three sections:

- I. **Global and Regional Issues**
- II. **Urban Issues**
- III. **Cross Cutting Topics**



I. Global and regional Issues: Social dimension of GEC & Regional urbanization patterns.

II. Urban Issues: Urban processes; social shaping and governance of the urban space; Environmental problems in cities; Urban metabolism and ecological services; Urban climate.

III. Cross-Cutting topics: Linkages btw the human and the natural dimensions of GEC in cities: Health; Peri-urban areas; Vulnerability, resilience, and adaptation.



IAI-IHDP Global Environmental Change Institute on Food Systems and Globalization: Science Workshop and Science-Policy Forum

Date: October 24-November 5, 2004 **Site:** Nicoya, San Jose, Costa Rica

Objective: To train scientists/policy makers on the interactions btw processes of Globalization-GEC; and their implications for food systems and food security.

Fundraising and Partnership Efforts:

- IHDP (\$20K)
- APN (\$20K)
- Research Council of Norway (\$20K)
- International Foundation for Science - IFS (\$20K)
- FAO



* In kind contributions (MoU): University of Costa Rica/Foundation for Research (FUNDEVI); National Center of Advanced Technology Foundation (FUNCENAT); National Academy of Science (NAC-CR); Centro Mesoamericano de Desarrollo Sostenible del Trópico Seco (CEMEDE)/National University of Costa Rica (UNA), Comité Regional de Recursos Hidráulicos (CRRH)/Sistema de Integración Centroamericana (SICA)

* Other in kind contributions: IHDP (30K)



The Science Workshop

Science Workshop Coordinators: Karen O'Brien (Center for International Climate & Environmental Research, Norway), Robin Leichenko (Rutgers University, USA), Advisor: Eduardo Viola (University of Brasilia, Brazil)

The Structure of the workshop – Six Themes

1. Globalization, Global Environmental Change and Food Systems
2. Food Security and Vulnerability in a Globalizing World
3. Globalization, Land Use Changes, and Rural Livelihoods
4. Globalization and Food Transformations
5. Governance in a Globalizing World
6. From Science to Policy



Participants: Researchers, stakeholders, decision makers working in GEC and globalization and food systems (scientific and/or political perspective).
Total of 25 from all over the world (65% from Latin America)

Training Features: Multidisciplinary Research, Formulation of Research Projects; Proposal Development and Applying for Funding; From Science to Policy; Practical Exercise, etc.



The Science-Policy Forum

Science-Policy Forum Organizing Committee: Edgar Gutierrez, Development Observatory/University of Costa Rica; Pedro León, National Environmental Forum/National Center of Advanced Technology of Costa Rica; Patricia Ramirez, Comite Regional de Recursos Hidraulicos/Sistema de Integración Centroamericana; Walter Fernandez, National Academy of Sciences of Costa Rica; Karen O'Brien, Science Coordinator; Valerie Schulz, International Human Dimensions Program; Marcella O. Schwarz, IAI, chair

Main Objectives of the Science-Policy Forum:

- Address the Science-Policy Interface and the use of the Scientific Information into the Policy and Decision-Making Processes;
- Discuss Scientific Information available and its Translation to Non-Scientific Community;
- Discuss Policy Issues that should be incorporated into a Modern Research Agenda;
- Expose participants (Sc. Wksp) to Policy Forum & promote interaction w/ policy makers.

Participants: Government, international organizations, NGOs, private sector (1 day–Nov.5)

The Topics of the Forum – Four Themes:

1. Global Environmental Change and Agriculture in Central America
2. Globalization of Food Production and Consumption: A Central American Perspective
3. Diversification vs. Specialization: Challenges for Rural Livelihoods in a Changing World
4. From National to Global: How to Integrate National Concerns into Global Agreements (NAFTA, WTO, UNFCCC, Biodiversity Convention, etc)

Potential Keynote speakers: Vice-President of Guatemala; Ministers S&T, Environment of Costa Rica; Assistant Director-General of FAO Regional Office for L.A. & Caribbean



IAI Training Institutes in 2005

IAI plans to organize 2 Institute in 2005

Potential Themes:

- Vulnerability Associated with Climate Variability and Change in South America (Paraguay)
- Climate and Health (Jamaica)

Funding Availability:

- A proposal requesting US\$ 300K was submitted to NSF last April;
- Other fundraising efforts will be carried out throughout the year.





IAI Support to Other Capacity Building Activities

2005 Open Meeting of the Human Dimensions Community (October 10-14, 2005, Bonn, Germany)

- IAI invited again to be in the International Scientific Planning Committee;
- IAI to encourage participation of researchers from the Americas;
- IAI to increase its visibility with the Social Sciences community;
- IAI to strengthen relationship with IHDP, national HD committees and regional networks;
- IAI has promoted the idea of training activities in combination with HD open meeting:

** Potential for a third IAI training activity in 2005 (follow up of previous IAI Institutes; Identify new partners and collaborators, e.g. UNU and other international environmental agencies in Bonn).*

First Diversitas Open Science Meeting (November 2005, Oaxaca, Mexico)

- IAI invited to participate in the Planning Committee
- IAI to encourage participation of researchers from



2005
Open Meeting of the Human Dimensions of Global Environmental Change Research Community
10-14 October 2005

Location: University of Bonn
Bonn, Germany

International Scientific Planning Committee

Richard Fuchs, Global Change System for Analysis, Research and Training (GSAART), USA
Barbara Gillad, International Human Dimensions Programme on Global Environmental Change, Germany
Jasper Graveland, International Centre for Integrative Studies, The Netherlands
Carsten Koenig, German National Committee on Global Change Research, Germany
Erik Louhevaara, University of Lorraine, France, Belgium
Linda Lubchenco, Oregon State University, Thailand
Ben Mendenhall, University of Philippines Los Baños, the Philippines
Andrew Meinshorn, Asia-Pacific Network for Global Change Research (APN), Japan
Klaus OP Bruns, Center for International Climate and Environmental Research, Norway
Marcelo Ulises Schwab, Inter American Institute for Global Change Research (IAI), Brazil
Alexander de Szoeke, Center for International Earth Science Information Systems (CIESIS) at Columbia University
Luisa Sotomayor, The Energy Research Institute (ERI), Chile
Edwardo Vardi, University of Brasília, Brazil
Colleen Vogel, University of the Witwatersrand, South Africa
Chris Young, University of California Santa Barbara, USA
Dariusz Zbilin, Warsaw University, Poland

Further Information:
Further updates will be provided at www.iaii.org and www.international-humans-dimensions.org. Please contact lia@iaii.org (Open Meeting Coordinator, IHDP Secretariat, iaii.org).



IAI Communications & Outreach - 1

Recent Publications

Newsletter # 34:

Production on time, good interaction btw editor and Directorate, content quality has increased (institutional and scientific information)



Annual Report 2002-2003:

Published last March (delay of external auditors report)





IAI Communications & Outreach - 2

Updates & Other Mechanisms

Listserv: distribution of about 28 announcements in last 6 months to over 3000 people;

Infosheets: production of 4 infosheets in 2004;

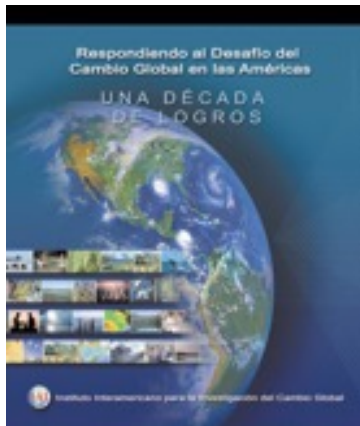
Distribution of IAI Anniversary Book: 1300 books (English) and 1000 (Spanish) have been distributed (EC, CoP, SAC, Pls, Embassies, International Organizations, Foundations, National Research Councils, Conferences, etc);

Re-prints of Anniversary Book: 1000 books in Spanish;

Website Search: identify new recipients by subject – distribution of announcements and institutional information;

Website: periodic update of content;

IAI Institute Website: specific website set up.





New Materials

Annual Report 2003-2004: to be published by December 2004 - Preliminary Content:

Editorial, IAI Director

Overview, EC Bureau

Guest articles related to IAI activities: IAI Training Institutes: Fashioning an Interdisciplinary Environmental Science for the 21st Century: Key Issues and the Contributions of IAI

Research and Training Initiatives, Steve Perz (US), Diogenes Alves (Brazil); IAI Projects: CRN - Climate and Health, Ulisses Confalonieri (Brazil) and SGP I -Climate and land-use controls on ecosystem functioning, Esteban Jobbagy (Argentina)

IAI Research Programs

Building Scientific Capacity through IAI T&E Meetings

Members of IAI Institutional Entities

Publications

Report of Independent Public Accountants

Financial Statement

Abbreviations and Acronyms

Synthesis of ISP Program: to be published by December 2004;

Science-Policy Forum Report: expected outcome Globalization; to be published by early 2005;

Website (new layout and tools): periodic (every 2-3 years); on going to be concluded in 3 months.

