

参考資料—1

HDP Third Scientific Symposium
"Global Change, Local Challenge"

International Conference Center of Geneva
15, rue Varembe, Geneva, Switzerland
September 20-22, 1995

FINAL PROGRAMME
WEDNESDAY, SEPTEMBER 20

Morning: 9:00-12:30 Room II

Introductory Session:

Historical and Physical Context of the Human Dimensions of Global Change
Chairman: Martin Parry, Chairman, HDP

9:00 Welcome:
Luis Ramallo, President, International Social Science Council (ISSC)

9:15 Opening Remarks:
Heinrich Ursprung, State Secretary for Science, Science Agency, Bern,
Switzerland

9:30 Introduction; Goals and Themes of Symposium
Martin Parry, Chairman, HDP
Ellen Wiegandt, Scientific Director, HDP

10:00 Historical Dimensions and Contemporary Challenges of Global Change
Frank Hole, Yale University, U.S.A.

10:45 Open Discussion

11:00 Coffee Brake

11:30 Global Environmental Change: The Physics and the Metaphysics
H. J. Schellnhuber, Director, Potsdam Institute for Climate Impact Research,
Germany

12:15 Open Discussion

12:30-2:00 Lunch

Afternoon: 2:00-8:00

Risks, Uncertainties, and Human Dimensions of Global Environmental Change
Chairman: Daniel Bromley, University of Wisconsin, U.S.A. Room II

2:00 Equity and Uncertainty in Global Environmental Change
Thomas Schelling, University of Maryland, U.S.A.

2:45 Discussant: Legal Implications of Questions of Equity and Uncertainty
Maurice Kamto, CERDIE, Yaounde, Cameroon

3:05 Open Discussion

3:30 Coffee Brake

4:00-6:00 Discussion Groups I:

For all interested participants. Group leaders listed below will introduce each session with an overview of current issues. The open discussion that follows will address scientific questions in the context of the international program, assessing progress and gaps. Participants are invited to refer to their ongoing research.

Data for Global Change Room IX
Roberta Balstad Miller, CIESIN, U.S.A.;
Arthur Dahl, Earthwatch, UNEP

Energy Futures for Developing Countries: Regionally Sensitive Energy Models
Room XVI
Mauricio Tolmasquim, Federal University of Rio de Janeiro, Brazil

Environmental Security and Local Sustainability Room XVII
Steven Loneragan, University of Victoria, Canada;
John Vogler, Liverpool John Moores University, U.K.

Global Change and Vulnerable Regions: (coastal zones and small islands)
Room XVIII
Rosemary Ommer, Memorial University of New Foundland, Canada;
Charit Tingsabadh, Chulalongkorn University, Thailand

Integrating Science for Global Change: Research Collaboration
among Natural and Social Sciences: HDP, WCRP, IGBP Room IV
Chris Rapley, Executive Director, IGBP;
Hartmut Grassl, Director WCRP;
Ellen Wiegandt, Scientific Director, HDP

International Participation in Global Research: Capacity Building
and Global Research Networks Room XV
Roland Fuchs, START;
Steven Sanderson, University of Florida, U.S.A.

6:00 Plenary Lecture: Room II
International Action to Respond to Global Environmental Change
Elizabeth Dowdeswell, Executive Director, UNEP

7:00 Reception

THURSDAY, SEPTEMBER 21
Morning 9:00 - 12:30 Room II

Population, Resources, and Global Environmental Change
Chairman: Riga Suprpto, University of Indonesia, Indonesia

- 9:00 Demographic Regimes: Global Change and Regional Variation
Ron Lesthaeghe, Vrije University, Brussels, Belgium
- 9:45 Discussant:
John I. Clarke, University of Durham (emeritus) and North Durham Health Authority, U.K.
- 10:05 Open Discussion
- 10:30 Coffee Break
- Vulnerability
- 11:00 Human Health and Global Change
A. J. McMichael, London School of Hygiene and Tropical Medicine, U.K.
- 11:25 Open Discussion
- 11:45 Marginal Communities and their Vulnerability to Global Environmental Change
TBA
- 12:10 Open Discussion
- 12:30 - 2:00 Lunch
- Afternoon 2:00 - 7:00 Room II
- Political Institutions and Global Change
Chairman: Harold Jacobson, University of Michigan U.S.A.,
Past Chairman, HDP
- 2:00 International Negotiations Related to Global Change
Detlef Sprinz, Potsdam Institute for Climate Impact Research, Germany
- 2:45 Implementation of and Compliance with International Agreements: Explaining
"Success" and Failure"
Arild Underdal, University of Oslo, Norway
- 3:30 Open discussion
- 4:00 Coffee Break
- 4:30 Panel Discussion: What Do International Organizations, NGOs, and
Governments need from the HDP Research Community? Chair: Jill Jager, IIASA
Alex Alusa, UNEP
Aus Roman, IDNDR
Shuzo Nishioka, Director, National Institute for Environmental Research, Japan
Andrew Sors, European Commission
Rudi Slooff, WHO
- 6:00 Break
- 6:15 Report to Plenary on Wednesday Discussion Group sessions

7:00 Conclusion of Thursday session

FRIDAY, SEPTEMBER 22

Morning 8:30 - 1:00 Room II

International Political Economy of Global Change

Chairman: Urs Luterbacher, Graduate Institute of International Studies,
Switzerland

8:30 When are Global Solutions Necessary (and National Solutions Inadequate)?
Duncan Snidal, University of Chicago, U.S.A.

9:00 Open Discussion

National Programs and International Global Change Research

Chairman: Peter de Janosi, director, IIASA

Plenary and discussion group sessions to include brief presentations by, among others,:

Brazil: Mauricio Tolmasquim, Federal University of Rio de Janeiro

Canada: Harold Coward, University of Victoria

Germany: Julia Kundermann, Federal Ministry for Education, Science, Research,
and Technology

Indonesia: Riga Suprpto, University of Indonesia

Japan: Kazuo Watanabe, Environment Agency

Netherlands: Pier Vellinga, Institute for Environmental Studies

New Zealand: Richard Bedford, The Royal Society of New Zealand

South Africa: Colleen Vogel, University of Bern

United Kingdom: Jim Skea, Economic and Social Research Council

United States: Diana Liverman, University of Pennsylvania

9:15 Reports from representative national committees and discussion of:

- 1) Different styles of organization of different programs. Brief summaries of key types.
- 2) Global environmental change and its regional manifestations. Science agendas for international, regional, and national programs,
- 3) Relations among international, regional and national programs, What national programs need from HDP; what HDP needs from national programs. Mechanisms for networking and collaboration.

10:30 Coffee Break

11:00 - 1:00 Discussion Groups II

National Programs, continued Room IV

Presentations of national programs and open discussion.

Local Land Use Patterns and Global Impacts

Room XVIII

Bill Turner, Clark University;

Rik Leemans, RIVM, Netherlands

- Individual Perceptions and National and International Environmental Policy
 Room XV
 Heintz Gutcher, University of Zurich, Switzerland;
 Kurt Pawlick, University of Hamburg, Germany;
 Solange Simoes, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil
- Industrial Transformation in Developed, Transitional and Developing Economies:
 Scenarios for Global Change Room XVI
 Hans Opschoor, Vrije Universiteit, Amsterdam, Netherlands
- Regional Freshwater Resources and Global Change Room XVII
 Urs Luterbacher, Graduate Institute of International Studies, Switzerland;
 Serder Guner, Bilkent University, Turkey
- Trade and Environment Room IX
 Richard Blackhurst, World Trade organization and Graduate Institute of
 International Studies, Switzerland;
 Laurent Zang, University of Yaounde, Cameroon
- Human Health and Global Environmental change Room XI
 Tony McMichael, London School of Hygiene and Tropical Medicine, U.K.;
 Rudi Slooff, WHO
- 1:00 - 2:00 Lunch
- Afternoon 2:00 - 4:30 Room II
 Chairman TBA
- 2:00 Reports to Plenary from National Program Session and Discussion Groups
- Future Directions for Global Environmental Change Research
- 2:30 Implications of Our Past Environment for Future Research
 Hans Oeschger, University of Bern, Switzerland and Co-Chairman PAGES,
 Core Project IGBP
- 3:15 Integrating Science for Locality and Sustainability
 Timothy O'Riordon, University of East Anglia, U.K.
- 4:00 Closing Remarks:
 Martin Parry, Chairman, HDP
- 4:30 End of Symposium