

El Colegio de Tlaxcala

8 de marzo 2006

16:30 a 18:00

***Reunion con investigadores de
El Colegio de Tlaxcala
Proyectos de Investigacion***

Hans Günter Brauch

Universidad Libre de Berlin

Overview

- Free University of Berlin, Alemania
 - Reconceptualisation of Security (3 books)
 - Cooperation in the planned Mega Project on Water
- UNU-EHS, Bonn, Alemania (2 studies)
 - Human Security: Freedom from Hazard Impacts
 - Threats, Challenges, Vulnerabilities & Risks
- UNESCO, Paris
- AFES-PRESS, Mosbach, Alemania
 - Human, Environmental Security and Peace (HESP)
 - Hexagon Book Series on HESP
 - Fourth Phase of Research on Environmental Security

Free University of Berlin, Alemania, Otto-Suhr-Institute for Political Science

- **Oldest, largest & prestigious political science institute in Germany**
 - Master degree on international relations in English (FU, Humboldt, Potsdam, Science Po)
 - Joint diplome with Science Po, Paris
 - Joint diplome with Diplomatic Academy in Moscow
 - Degree on environmental management
- **Research areas in International Relations**
 - Transatlantic Relations (also security issues)
 - Institute on Eastern Europe
 - Centre for Latin American Studies
 - Near East Studies
 - Asian Studies
 - Environment Studies
- **Adjunct Professor (PD) on International Relations**
 - Past Teaching & Research: Mediterranean security & cooperation
 - New Focus in Research & Teaching: Old and new security concepts
 - Research & Scientific dialogue: Reconceptualisation of security

FU Berlin:

Reconceptualisation of Security

- Contextual change & conceptual innovation on security: widening, deepening, shrinking, sectorialization
- Fourth Phase of Research on Environmental Security
- Fourth Pillar of Human Security: Freedom from Hazards Impact
- Threats, Challenges, Vulnerabilities & Risks

Models on Linkage of Cause & Impact: From the PSR to PEISOR Model

„Pressure-State-Response“
(PSR) of OECD (93, 97, 99):

P: pressure;

S. state of env.,

R: policy response:

UN-CSD. Driving Force-State-
Response (DSR)

D: Determinants of human activ;;

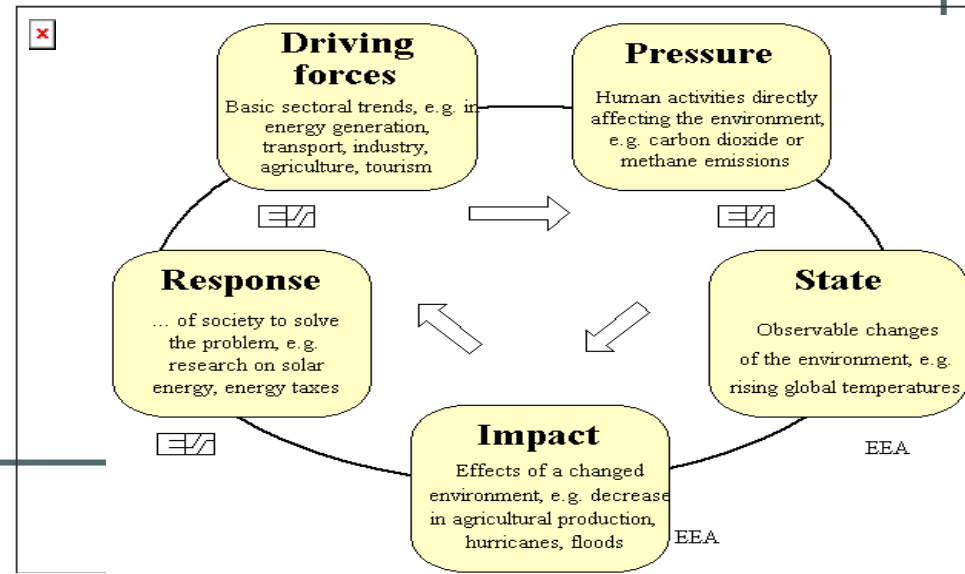
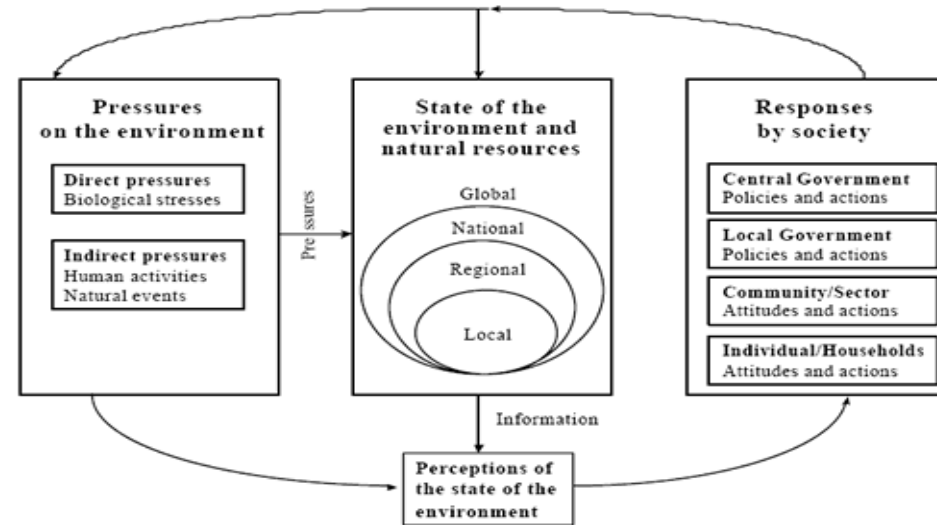
S: State of sustainable developm;;

R: Responses;

EU-EAA: DPSIR-Model

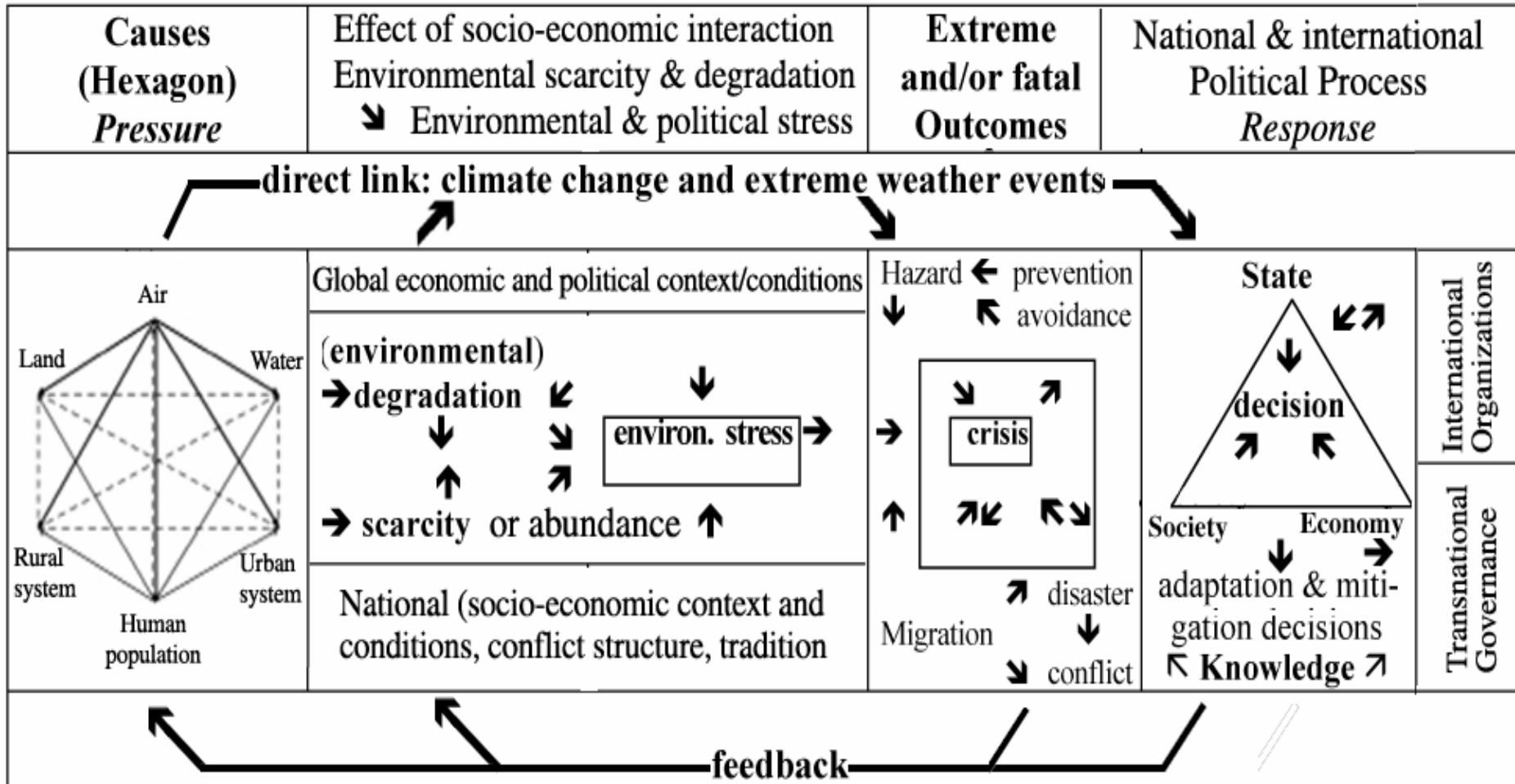
D: Driver, P: Pressure, S: State;

I: Impact; R: Response



PEISOR Model:

Global Environmental Change and Extreme Outcomes



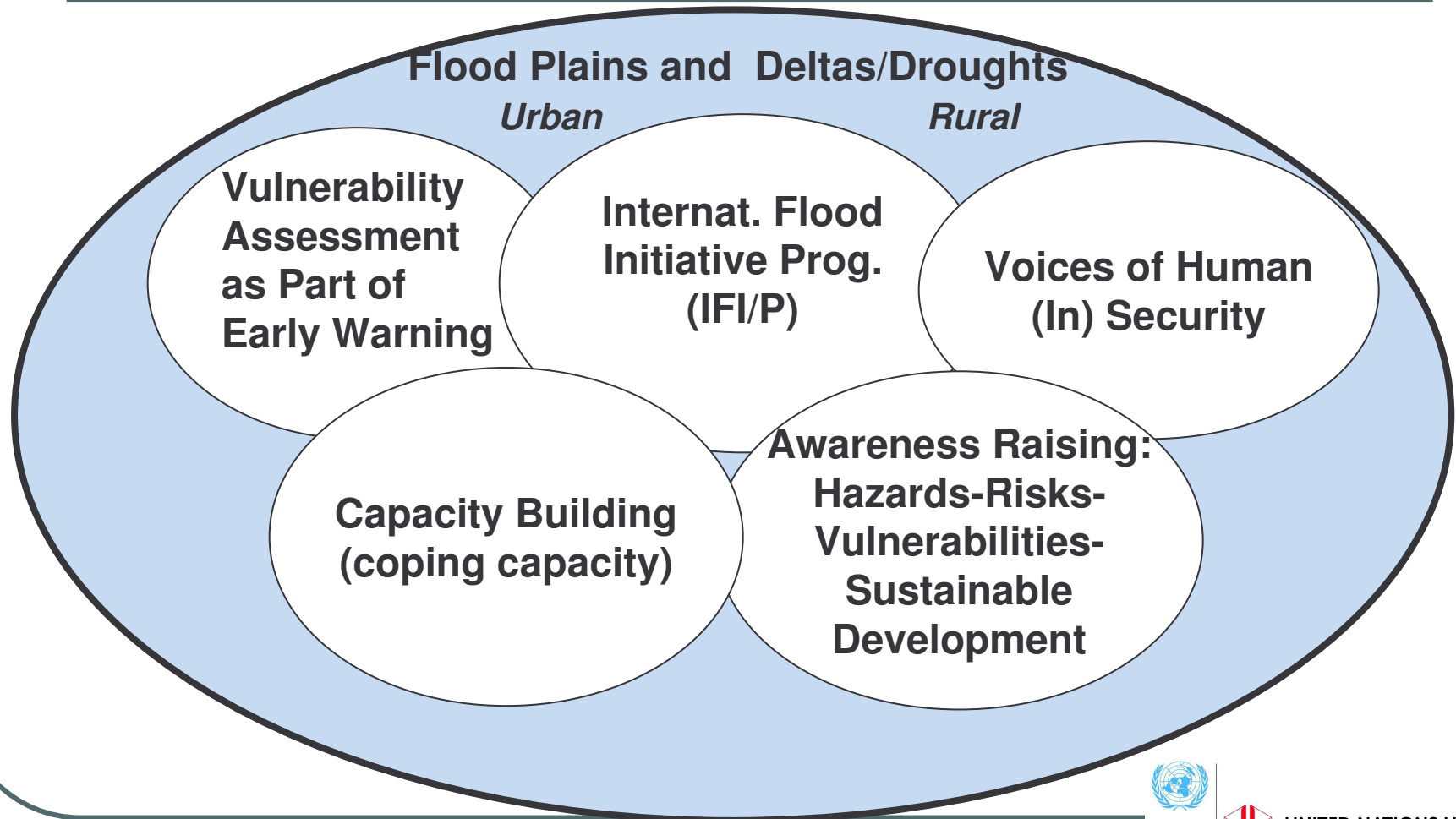
FU Berlin:

Planned participation in: Mega Project on Water

- Project Proposal: coordinator: Dra. Oswald
- Possible Partners:
 - UNAM: II, IGF, IEcol, IIEc, PUEC, CEIHH, CRIM
 - Coltlax
 - UNU-EHS (Prof. Bogardi, anthropologist),
 - University of Bonn (Prof. Bohle, geographer),
 - FU Berlin (PD Dr. Brauch, political scientist),
 - Univ. of Florida (Prof. Oliver-Smith, anthropologist),
 - Univ. of Valencia (Prof. Rubio, soil scientist)
- Goal: Water: social vulnerability & resilience
- Time framework: 2006-2010

UNU-EHS, Bonn, Alemania

Universidad de las Naciones Unidas,
Instituto del Medio Ambiente y Seguridad Humana



UNU-EHS, Bonn, Alemania

Human Security: Freedom from Hazard Impacts Threats, Challenges, Vulnerabilities & Risks

- **Human Security: Freedom from Hazard Impacts**
 - Review the linkage of Global Environmental Change & Human Security
 - Conceptualise the fourth pillar of human security
- **Threats, Challenges, Vulnerabilities & Risks**
 - Review four dangers for environmental dimension of human security
 - Threats
 - Challenges
 - Vulnerability
 - Risks

UNESCO, Paris, France
Encyclopedia of Life Support Systems
Environmental Dimension of Human Security

- **Encyclopedia of Life Support Systems (EOLSS)**
 - Model on Global Environmental Change & Fatal Outcomes
 - Reconceptualisation of Security
 - Four Phases of Research on Environmental Security
 - Security Threats, Challenges, Vulnerabilities and Risk
- **Environmental Dimension of Human Security**
 - Developments since UNSSD in Johannesburg (2002-06)
 - Activities of UNESCO on Water Security

AFES-PRESS, non-profit, scientific NGO

Peace Research & European Security Studies, Mosbach, Alemania

- **International Non-profit Scientific Societies**
- **Founded in 1987**
 - Focus during Cold war: classical military security
 - Military Strategy and Arms Control
 - Non-offensive defence
 - Confidence & security building measures
 - New Focus since 1990
 - Environmental, climate & energy policy
 - Reconceptualisation of security

Human & Environmental Security and Peace Project (HESP)

- **Goal of HESP: Synthesis of four approaches:**
 - a) environmental security debate (environmental dimension)
 - b) human security (human being: cause & victim of GEC)
 - c) Grotian approach: multilateral, international law based
 - d) proactive focus: conflict avoidance (structural factors)
- **4th research phase on environmental and security links: causes, effects, impacts 6 policy responses**

AFES-PRESS contributions:

- **Workshops: Canterbury (2001), The Hague (2004), Istanbul & Bonn (2005), Yautepec (2006)**

AFES-PRESS, Mosbach, Alemania

Fourth Phase of Research on Environmental Security

Joint project: Simon Dalby, Ursula Oswald, Hans Günter Brauch

- ❖ **Broaden research stakeholders:** Bring together those working on human & environmental security issues with the peace research, development, environmental research communities.
- ❖ **Broaden empirical focus:** on six causes of the Survival Hexagon & interactions (simulation & modelling).
- **Focus on fatal outcomes & interactions:** hazards, disaster, migration, crises, conflict & efforts for resolution, prevention & avoidance.
- **Broaden policy constituency:** climate change, disaster & early warning (disaster & conflict) & conflict prevention community.
- **Support mainstreaming of policy initiatives: early warning, adaptation & mitigation & conflict prevention,**
- **Requires: Multidisciplinary & horizontal cooperation**

Goals for the Fourth Research Phase

- ❖ A “**people-centred**” **human security perspective** from the individual to the global level to develop strategies for adaptation and mitigation to reduce both the likelihood and the impact of and the vulnerability to these outcomes by strengthening resilience .
- The **normative orientation** at the dual policy goals of sustainable development and sustainable peace requires the scientific development of complex **knowledge, a societal and political problem awareness, anticipatory learning and “ingenuity”** in the framework of a “**culture of prevention**”.
- **Practical purpose & policy relevance** of 4th research phase is to
 - re-cognise **early-warning indicators**,
 - to examine both the **environmental consequences of wars and the existing conflicts over scarce resources** that may lead to environmental stress
 - to **prevent that they escalate into violence** and, last but not least,
 - to **develop longer-term priorities for European countries, as well as for international organisations**
 - to avoid environmental outcomes from occurring, to contribute to **regional environmental good governance**.

AFES-PRESS, Mosbach, Alemania

Hexagon Book Series on HESP

Volume published by Springer Publishers:

Vol. 1: Brauch-Liotta-Marquina-Rogers-Selim (Eds.): *Security and Environment in the Mediterranean* (Berlin – New York – Paris – London – Milan: Springer 2003) (http://www.afes-press.de/html/bk_book_of_year.html)

Volumes in preparation with Springer Publishers:

Vol. 2: Hillel Shuvall, Hassan Dweik (Eds.): *Water Conflict in the Middle East* (Berlin - Heidelberg - New York: Springer Verlag, 2006/2007).

Vol. 3: Hans Günter Brauch, John Grin, Czeslaw Mesjasz, Pal Dunay, Navnita Chadha Behera, Béchir Chourou, Ursula Oswald Spring, P. H. Liotta, Patricia Kameri-Mbote (Eds.): *Globalisation and Environmental Challenges: Reconceptualising Security in the 21st Century* (Berlin – Heidelberg – New York – Hong Kong – London – Milan – Paris – Tokyo: Springer-Verlag, 2007)

Vol. 4: Hans Günter Brauch, John Grin, Czeslaw Mesjasz, Heinz Krummenacher, Navnita Chadha Behera, Béchir Chourou, Ursula Oswald Spring, P. H. Liotta, Patricia Kameri-Mbote (Eds.): *Facing Global Environmental Change: Environmental, Human, Energy, Food, Health and Water Security Concepts* (Berlin – Heidelberg – New York – Hong Kong – London – Milan – Paris – Tokyo: Springer-Verlag, 2007).

Vol. 5: Hans Günter Brauch, Czeslaw Mesjasz, John Grin, Ursula Oswald, Patricia Kameri-Mbote Peter Liotta, Bassam Hayek, Bechir Chourou, Jörn Birkmann (Eds.): *Coping with Global Environmental Change, Disasters and Security Threats, Challenges, Vulnerabilities and Risks* (Berlin – Heidelberg – New York – Hong Kong – London – Milan – Paris – Tokyo: Springer-Verlag, 2008).