

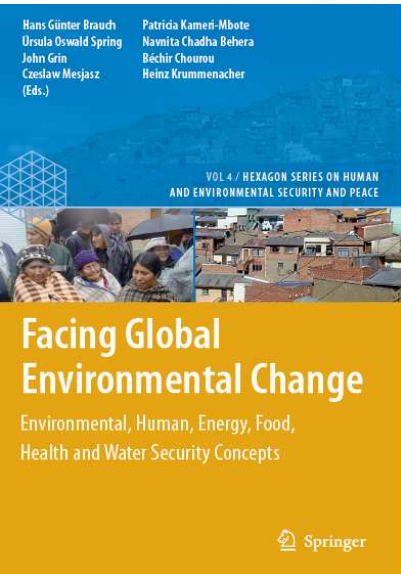
Book launch

Wednesday, 29 April 2009, 14.00-15.30
World Conference Centre, Bonn,

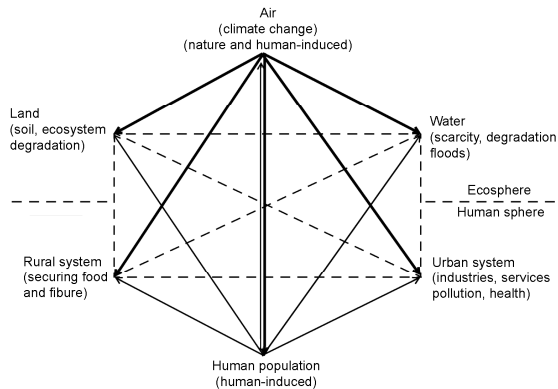
Facing Global Environmental Change

*Environmental, Human, Energy, Food, Health
and Water Security Concepts*

Hans Günter Brauch



Hexagon Book Series on Human and Environmental Security and Peace



—→ direct impact of nature and human-induced "root cause": climate change on five factors
 —→ direct impact of human-induced "root cause": population on five factors
 - - - → complex interaction among four structural factors: land, water, urban and rural systems

Hexagon book series offers a platform for scientific communities on

- global environmental & climate change, disaster reduction, human, environmental, gender security,
- Peace, security, development & environmental studies
- for the humanitarian aid and the policy community in national governments and international organizations.

Scientific & Policy Goals:

- Impacts of anthropogenic global environmental & climate change on the security of states & human beings (humankind)
- This requires a „Reconceptualization of Security“
- Global mental mapping of the rethinking on security

○ Multi-, Inter- & Transdisciplinarity:

○ International and Diversity

- Beyond the dominant thinking of the „top billion“ of the triad

○ Dialogue: scientists and policymakers

- Former or active policymakers, diplomats, military officers
- Experienced scholars but also young talents

6 causes of anthropogenic

GEC supply side

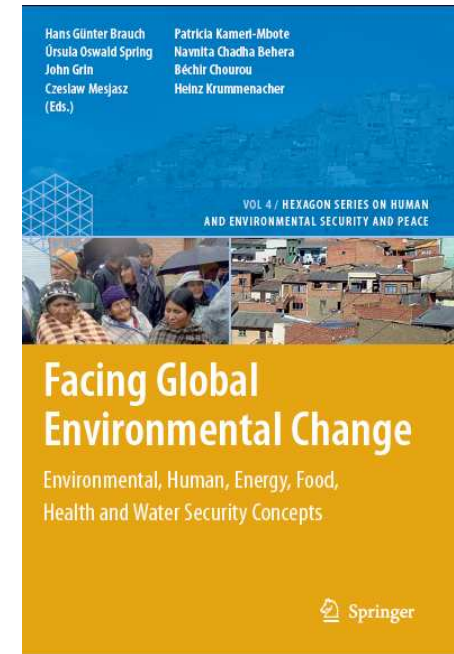
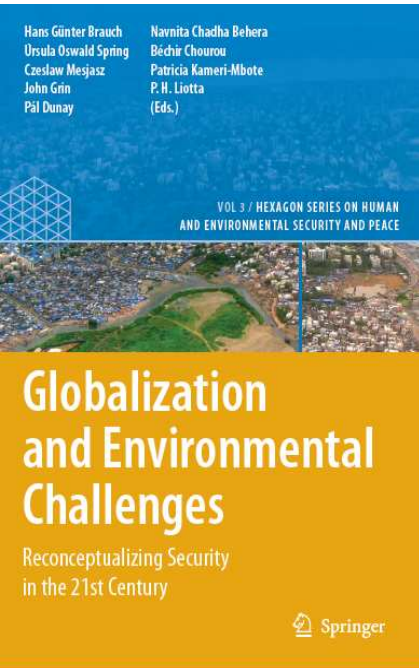
- Air: Global climate change
- Soil degrad., desertification
- Water scarcity, hydrol. cycle

Human-induced demand side

- Population growth
- Urbanization, Pollution, Health
- Rural systems: Agriculture

Security Handbook for the Anthropocene

- **Globalization and Environmental Challenges:** 92 authors, 36 countries, 16 disciplines, former vice presidents, ministers, generals, diplomats (2008)
- **Facing Global Environmental Change:** 132 authors, 49 countries on global debate and problems of environmental, human, energy, food, health, water security (2009)
- **Coping with Global Environmental Change Disasters and Security – Threats, Challenges, Vulnerabilities and Risks (2010)**



Forewords by **Stavros Dimas**, EU Environment Commissioner

Prof. Hans van Ginkel, Rector of UNU (1997-2007);

Prof. Klaus Töpfer, Executive Director, UNEP (1997-2006).

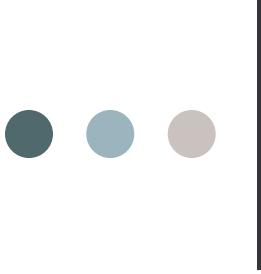
Forewords by **R.K. Pachauri**, TERI; IPCC chairman

Achim Steiner, UNEP Executive director, **Joy Ogwu**, former foreign minister, Nigeria **Stavros Dimas**, EU Environment Commissioner

Editorial Team:

Eleven Co-editors from 10 Countries

- **Hans Günter Brauch**, PD (Adj. Prof.) at the Free University of Berlin, chairman of AFES-PRESS, fellow at UNU-EHS in Bonn and editor of this series
- **Úrsula Oswald Spring**, Professor at National University, Mexi-co; UNU-EHS chair on social vulnerability; writes on sustainability, deveopment, gender, disaster, poverty.
- **Czeslaw Mesjasz**, Assoc. Professor, Vice Dean, Cracow University of Economics; publishes on systems, game theory, conflict resolution, negotiation, economics, security.
- **John Grin**, Professor, Director of Amsterdam School for Social science Research; publishes on societal transformations in water management, agriculture, health care.
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- **Pál Dunay** is faculty member, Geneva Centre for Security Policy, was senior researcher at SIPRI (2004-2007),director of the Hungarian Institute of International Affairs in 2007.
- **Béchir Chourou** teaches International Relations at the University of Tunis-Carthage in Tunisia,publishes on Euro-Mediterranean relations, food policy, human security.
- **Patricia Kameri-Mbote**, Associate Professor, School of Law, University of Nairobi, Chair, Dep. of Private Law, Programme Director, Intern.Environmental Law Research Centre,
- **P. H. Liotta** is Professor of Humanities and Executive Director of the Pell Center for International Relations and Public Policy, Salve Regina University, Newport, Rhode Island
- **Heinz Kruppenacher** is managing Director of Swisspeace, heads its early warning program and is member of the UN staff college's Early Warning Preventive Measures training unit.
- **Jörn Birkmann**, Academic officer of UNU-EHS, heads the section on vulnerability assess-ment, coordinates Working Group on “Measuring Vulnerability”.



Reconceptualization of Security

Global Environmental Change

- **3 Reasons for a Reconceptualization of Security**
 - **Global Change:** Fall of Berlin Wall (7 Nov. 1989)
 - **Globalization: Non-state Actors and Processes**
 - **Terrorism and organized Crime:** Weapons, Drugs, Human trafficking (children, women, organs etc.)
 - **Uncontrolled Financial transfer and Speculation:** worst global economic crisis since 1929
 - **Global Anthropogenic Environmental Change**
 - **Nobel Laureate Paul Crutzen (MPI for Chemistry in Mainz): Anthropocene:** phase of Earth history since industrial revolution
 - **Goal: Conceptual Foundations and Long-term Thinking on a new Security and Peace Policy for the Phase of the Anthropocene,** that combines **sustainable development with sustainable peace** : Beyond Brandt-Report(1980) and Brundtland-Report (1987).



2 Key Themes of this book: **GEC & Sectorialization of Security**

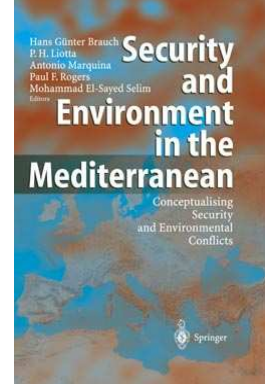
- **Facing Global Environmental Change (GEC)**
 - 1: **Contextualization of Global Environment. Change**(1-3)
 - 2: **Securitization of GEC** (chap. 4-14)
 - 3: **Securitization: Extreme Natural & Societal Outcomes**
- **Sectorialization of Security**
 - 4: Energy security (chap. 23-32)
 - 5: Food Security (chap. 33-35)
 - 6: Health Security (chap. . 36-40)
 - 7: **Water Security** (chap. 41-58)
 - 8: Environmental Security (chap. 59-73)
 - 9: **Human and Gender-Security** (chap. 74-96)
 - 10: From Knowledge to Action (chap. 97-100)



Chap. 4: Securitization of Global Environmental & Climate Change

- **3 fold debate & discourse on climate change:**
 - **Theory: Securitization of Waever (Copenhagen school)**
 - **International Security:**
 - German, British and European debate
 - Goal: Strategies of conflict prevention by a proactive Environmental, economic and development policy
 - **National Security:**
 - US American Debate: 2003/2004: Pentagon study
 - 2007: new military mission for US Department of Defense
 - **Human Security: HS Network, Greek presidency (5/ 2008)**
 - **GECHS Project of IHDP: Social Vulnerability of poor and marginalized population groups**

First Bookaid Project for University Libraries in Third World



In 2003-2004 AFES-PRESS sent 260 copies of vol. 1 to national & university libraries in more than 90 countries in

- Middle Eastern countries
- Africa, Asia, Latin America
- Selected OSCE states,

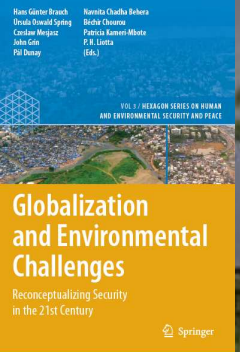


- Launch of Bookaid in Amman, Jordan
- December 2003

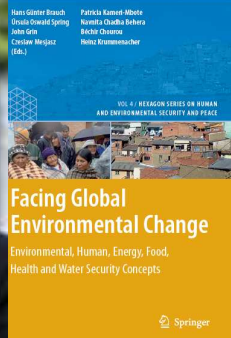


The book aid project was made possible by grants by:

- Berghof Foundation for Conflict Research, Germany (120 books)
- Public Diplomacy Division of NATO (117 books)
- Sparkasse Neckartal-Odenwald, Germany (11 books)
- Peter Dornier Foundation Germany (5 books)
- AFES-PRESS, Germany (19 books)



2nd Bookaid Project for University Libraries in Third World in Third World



- **Prof. Dr. Klaus Töpfer, former Executive Director, UNEP (1997-2006)**
- “This book deserves many readers in all parts of the world, especially in those countries where university and research libraries may not be able to afford such references books.
- It is hoped that these scientific and policy-relevant messages can again be made available with the support of private foundations and donors to the young generation in the global South.”
- **Achim Steiner, Exec. Director, UNEP**
- I hope that private foundations and donors can ensure that its important ideas, debates and essential reading find their way equally onto the library book shelves of the South as well as the nations of the North.

Transfer of book gifts to the University of Nairobi, Kenya; El Colegio de Mexico, Kofi Annan Centre, Accra, Gov. Singh, Rajasthan in Jaipur, Chancellor Univ. Rajasthan



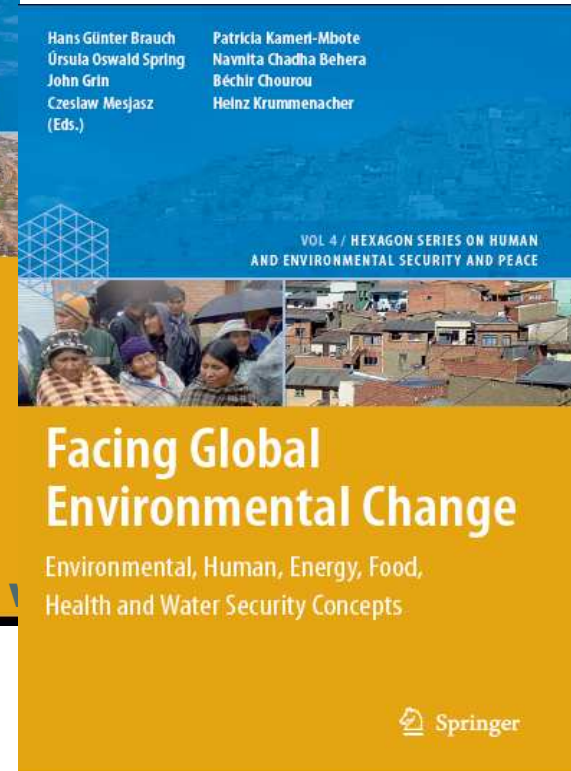
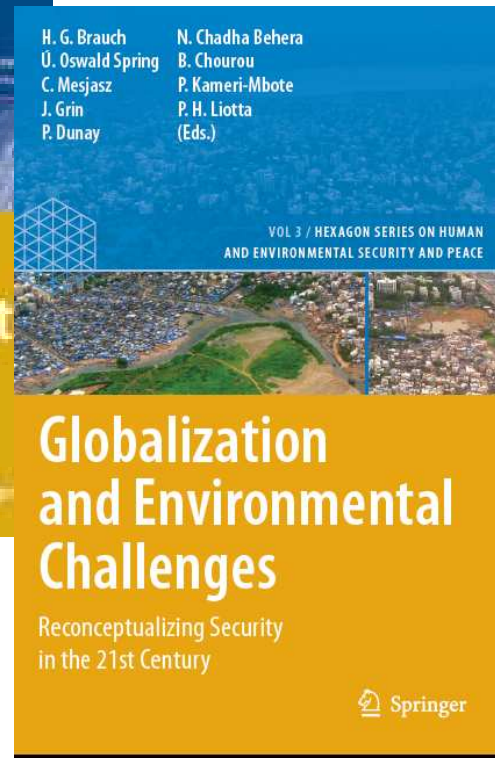
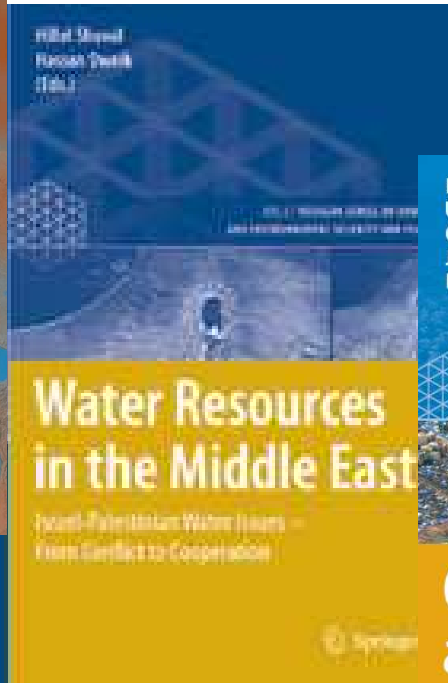
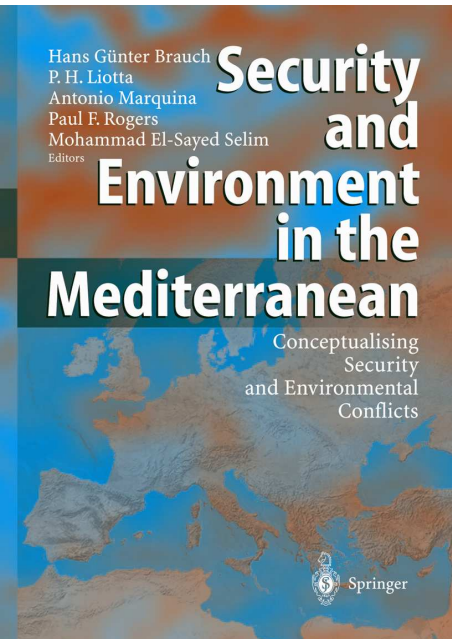
K. Annan Centre, Accra

Spanish, Turkish & Greek Short Editions in 2008, 2009, 2010

- **Turkish Editions (2008-2009):**
 - ***ULUSLARARASI İLİŞKİLER (International Relations) SPECIAL ISSUE ON SECURITY***
 - **Guest Editors:** Hans Günter Brauch, Freie Universität Berlin, Mustafa Aydın, TOBB-Universität, Ankara, Türkei; Ursula Oswald Spring, UNAM/CRIM, Cuernavaca, Mexiko;
 - **Turkish book in preparation: about half are translations from Hexagon Book Series**
- **Spanish Edition (2009): UNAM - AFES-PRESS**
 - **Ursula Oswald Spring & Hans Günter Brauch** in cooperation with: **Ulrich Albrecht**, Eugenio Diniz, Ann Masson, Domício Proença Jun., Francisco Rojas Aravena, Georgina Sánchez, John Saxe Fernández, Arlene Tickner, Ole Waever, S. Dalby: ***Reconceptualizar la Seguridad en el Siglo XXI*** (Mexico D.F. – Cuernavaca: UNAM/CRIM, May 2009)
- **Greek Editions (2010): 2 Editions of Agora**
 - **Guest editor:** HG. Brauch, U. Oswald Spring, Charalambos Tsardanidis und Botschafter a.D. Yannis Kinnas



Hexagon Series: Volumes I -IV



Hexagon Series on Human, Environmental Security and Peace (HESP)

<http://www.afes-press-books.de/html/hexagon.htm>

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for your attention
and patience.**



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