



**Global Monitoring  
for Stability and Security**

**2nd AFES-PRESS GMOSS Workshop, 6 July 2004**

**A F E S  P R E S S**

**[http://www.afes-press.de/html/download\\_gmoss.html](http://www.afes-press.de/html/download_gmoss.html)**

# 40<sup>th</sup> Anniversary Conference of IPRA

Peace and Conflict in a Time of Globalisation

Sopron, Hungary, 5-9 July 2004

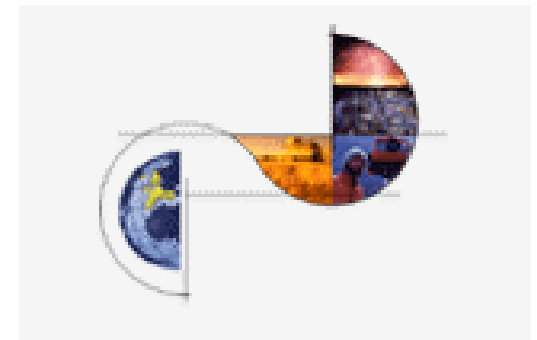
**Tuesday, 6 July 2004, 14:00 - 15:30**

Water and Security [EU Network of Excellence GMOSS]  
Joint Session of the IPRA Commissions on Environment,  
Security and Global Political Economy

**Hans Günter Brauch, AFES-PRESS (Germany)**

**Global Monitoring for Stability & Security  
(GMOSS)**

**Contributing to  
GMES**



**Book Project: Reconceptualising Security**

# Global Monitoring for Stability & Security (GMOSS)

## 1. Outline of the Introduction

### Outline of the Introduction

EU Research Context: GMES & GMOSS

GMOSS: Mission & 24 Partners

WP: Security Concepts and Threats

AFES-PRESS Team: Reconceptualising Security

AFES-PRESS: work in 2 phases

Conference Appearances during 2004

Montreal: 2 panels, 18 March 2004

**Sopron, July: 20th IPRA Conference, 6 July**

The Hague: 5th Pan-European Conference

Fourth Phase of Research on HESP

Facing Global Environmental Change & Globalisation

Two Sessions: „Water and Security“ and „Survival Dilemma, Economic Security & Alternative Security Strategies“

# Global Monitoring for Stability & Security

## 2. EU Research Context: GMES & GMOSS

- ✍ **GMES:** Global Monitoring for Environment & Security
- ✍ **Joint EU (25) & ESA (European Space Agency, 15 [incl. Norway, CH]+ 2 [Canada, H]) Initiative of 1998**
- ✍ **1998-2003: discussion, 2004-7: implementation, 2008+:** operational phase [<http://www.gmes.info>]
- ✍ **G-8: global effort: Earth Observation Summit process**
  
- ✍ **GMOSS:** Global Monitoring for Stability & Security is a Network of Excellence (NoE) in context of 6th EU Res. Framework Progr. [<http://gmoss.jrc.cec.eu.int/>]
- ✍ **AFES-PRESS:** is one of 24 GMOSS partners [[http://www.afes-press.de/html/download\\_gmoss.html](http://www.afes-press.de/html/download_gmoss.html)]

# Global Monitoring for Stability & Security

## 3. GMOSS: Mission & 24 Partners

- ✦ **Aim of GMOSS** is to integrate Europe's civil security research to acquire and nourish **the autonomous knowledge and expertise base Europe needs** if it is to develop and maintain an effective capacity for global; monitoring using satellite earth observation;
- ✦ Investigations of present & future threats to security & needs for exchange of information between stakeholders during crises;
- ✦ GMOSS will run for 4 years & consists of 24 organisations from public & private sectors.

# Global Monitoring for Stability & Security

## 4. Security Concepts & Threats

- ✍ **Goal is Networking:** Creating & Supporting a Common European Space of Research
- ✍ **WP 21.000: Security Concepts & Threats**
- ✍ **Partners: AFES-PRESS & FOI**
- ✍ **AFES-PRESS:** non-profit scientific society
- ✍ **FOI:** Swedish Defence Research Agency
- ✍ Present: AFES-PRESS (5 of 7 members),
- ✍ **AFES-PRESS:** senior (3), junior (4), AP-partners (6)
- ✍ **Product:** Book Reconceptualisation of Security (AP):  
**8 co-editors from 8 countries from 4 continents**

# Global Monitoring for Stability & Security

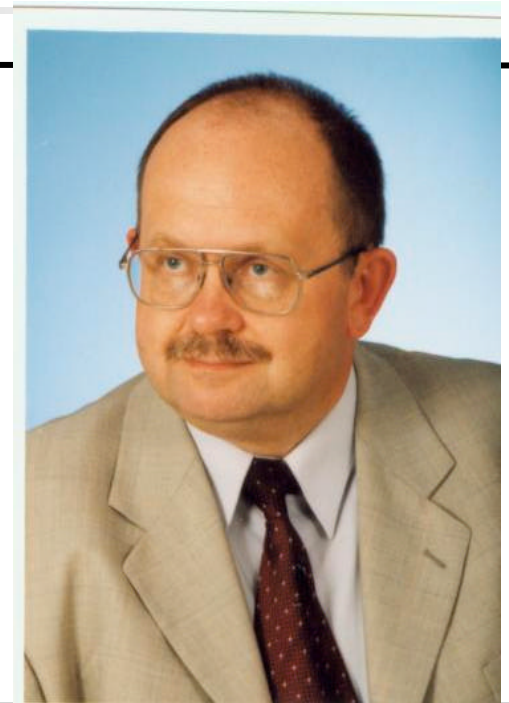
## 5.1. AFES-PRESS Senior Team



**Hans Günter Brauch**  
(1947), PD Dr. habil.  
**FU Berlin**  
AFES-PRESS Chm.  
Germany



**John Grin (1961),**  
Prof. Dr.,  
**Univ. of Amsterdam**  
AFES-PRESS Dep. Chm.  
The Netherlands



**Czeslaw Mesjasz**  
(1954) Assoc. Prof.  
Dr. habil., **Econ. Univ.**  
**Cracow, Poland**  
AFES-PRESS Dep. Chm

# Global Monitoring for Stability & Security

## 5.2. AFES-PRESS Junior Team



**Annabelle  
Houdret  
(1976)**  
**FU Berlin &  
Paris VIII,  
(Germany)**



**Fabien Nathan  
(1977)**  
**Graduate Inst.  
of Development  
Studies (IUED),  
Geneva(France)**



**Mara Tignino  
(1979)**  
**Graduate Inst.  
of International  
Studies, Geneva  
(Italy)**



**Stefan Hinter-  
meier (1976),  
FU Berlin  
(Germany)**



# Global Monitoring for Stability & Security

## 5.3. AFES-PRESS Associated Partners



**Béchir Chourou**  
(1944), Prof. Dr.  
**Univ. Tunis, Tunisia**  
Medit. partner &  
co-editor



**Mohamed Selim**  
(1947), Prof. Dr.  
**Univ. of Cairo,**  
**Egypt,**  
Medit. partner



**P.H. Liotta**  
(1956), Prof. Dr.  
**Director, Pell**  
**Center, USA**  
co-editor

# Global Monitoring for Stability & Security

## 5.3. Associated Co-editors & Friends



**Ursula Oswald,**  
**(1946), Prof. Dr.**  
**CRIM. UNAM,**  
**Mexico**  
**co-editor**

**Navnita Chadha**  
**Behera (1967, Dr.),**  
**Dep. of Polit. Sc.,**  
**Delhi Univ., India**  
**co-editor**

**Patricia Kameri-**  
**Mbote (196x, Dr.)**  
**Faculty of Law,**  
**Univ. of Nairobi,**  
**Kenya**  
**co-editor**

# Global Monitoring for Stability & Security

## 6. AFES-PRESS: work in 2 phases

### Reconceptualisation of Security in 21<sup>st</sup> Century (2004-06)

- ✍ Major reference book in **Hexagon Series (Springer-Verlag)**:  
Coeditors: **Brauch – Grin – Mesjasz – Chadha Behera – Chourou - Oswald Spring – Liotta - Kameri-Mbote (Eds.)**:
- ✍ **Facing Global Environmental Change and Globalisation  
Reconceptualising Security in the 21<sup>st</sup> Century**
- ✍ **Publisher**: Berlin – Heidelberg – New York – Hong Kong – London – Milan – Paris – Tokyo: **Springer-Verlag, 2006**
- ✍ **Funding**: only for EU citizens or working in EU countries or in countries that are associated with 6th Framework Programme

### Redefining Security Interests (2006-2008)

- ✍ Possibly **second** major reference book in the **Hexagon Series** to be discussed & developed by AFES-PRESS et al.



# Global Monitoring for Stability & Security

## 7. AFES-PRESS work plan of 2004

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### Three major conference appearances

✍ **Montreal:** 45<sup>th</sup> International Studies Association Convention (17-20 March 2004)

[ [http://www.afes-press.de/html/download\\_isa.html](http://www.afes-press.de/html/download_isa.html) ]

✍ **Sopron:** 20<sup>th</sup> IPRA Conference (5-9 July 2004)

[[http://www.afes-press.de/html/download\\_sopron.html](http://www.afes-press.de/html/download_sopron.html) ]

✍ **The Hague:** 5<sup>th</sup> Pan-European Conf. for Intern. Relations (8-12 September 2004), 10 panels, ev. sessions

[[http://www.afes-press.de/html/the\\_hague.html](http://www.afes-press.de/html/the_hague.html)]

# Reconceptualisation of Security in 21<sup>st</sup> Century

## 8. Fourth Phase of Research on Human and Environmental Security and Peace (HESP)

### 1. Conceptual Phase: Concept Environmental Security

- ✎ Inclusion of environmental factors in US national security agenda
- ✎ Ullmann (1983), Myers (1989), Mathews (1989)
- ✎ Brundtland-Commission (1987), Gorbachev (1987), NATO (1996-)

### 2. Empirical Phase: Case studies: Scarcity - Conflict

- ✎ Toronto: Tad Homer-Dixon: since 1991: 3 Projects
- ✎ Zürich/Bern: G. Bächler, K. Spillmann (3 volumes 1996, 1997)

### 3. Phase: Manifold Research without Integration (1995-)

- ✎ Resource scarcity or abundance as a cause of conflict

### 4. Phase: Human & Environm. Security & Peace (HESP)

- ✎ My proposal: focus on linkages between global environm. change and fatal outcomes (hazards, migration, crises and conflicts).
- ✎ Brauch, ch. 2 & 51 of: *Security & Environment in the Mediterranean*

# 9. Facing Global Environmental Change and Globalisation

## Reconceptualising Security in the 21<sup>st</sup> Century

- ✎ Contribution to 4th Phase of Research on Human & Environmental Security & Peace (HESP)
- ✎ Major reference book in the **HEXAGON Series on Human and Environmental Security and Peace, Springer Verlag**
- ✎ Details: [http://www.afes-press.de/html/bk\\_book\\_of\\_year.html](http://www.afes-press.de/html/bk_book_of_year.html)
- ✎ Content: about 130 chapters, multidisciplinary (philosophy, economics, law, geosciences, political science & internat. relations)
- ✎ Authors: about 140 from all parts of the world
- ✎ Papers: peer-reviewed: recommendations, editors & reviewers
- ✎ Audience: global and multidisciplinary, with a strong representation of scholars from Asia, Africa and Latin America
- ✎ Vision: Bookaid project for Third World University Libraries

# 9.1. Facing Global Environmental Change and Globalisation

## Reconceptualising Security in the 21<sup>st</sup> Century

- ✍ Introduction: Outlining Theoretical Contexts: The Conceptual Quartet of Peace, Security, Development and Environment and Reconceptualisations since 1990
- ✍ Cultural and Religious Contexts for Reconceptualisation of Security
- ✍ Spatial Context and Referents of Security Concepts
- ✍ Reconceptualisation of Security in Scientific Disciplines since 1990
- ✍ Reconceptualising the Dimensions of Security (Scient. & Pol. Debates since 1990)
- ✍ Security Conceptualis. of Causes of Global Environmental Change & Fatal Effects
- ✍ Institutional Security Concepts Revisited for the 21<sup>st</sup> Century
- ✍ Sectoral Security Concepts Revisited for the 21<sup>st</sup> Century
- ✍ Global and Regional Environmental Security Revisited
- ✍ Global and Regional Human Security Approaches and Debates Revisited
- ✍ Reconceptualising Security for the 21<sup>st</sup> Century and the Tool of Remote Sensing
- ✍ Conclusions: Reconceptualising Security for the 21<sup>st</sup> Century in an Era of Globalisation and Global Environmental Change

# 10. Water and Security [EU NoE GMOSS]

## Joint Session of the IPRA Commissions on Environment, Security and Disarmament & Global Political Economy

✎ Chair: **Czeslaw Mesjasz**, Poland [book co-editor].

✎ Introduction: **Hans Günter Brauch**, Germany: GMOS & GMES

✎ Paper 1: **Annabelle Houdret**, Germany, Free University of Berlin & Paris VIII: Water scarcity and conflict - a matter of institutional sustainability [GMOSS, book contributor].

✎ Paper 2: **Fabien Nathan**, France, Graduate Institute of Development Studies (IUED) and NCCR-NS/IP8, Geneva: Urban water-related risks as a growing concern for security [GMOSS, book contributor].

✎ Paper 3: **Mara Tignino**, Italy, Graduate Institute of International Studies, Geneva: The legal response to the world's water crisis [GMOSS, book contributor].

✎ Paper 4: **Ursula Oswald**, National University, Mexico: Water and its security in semi-arid environment [book co-editor].

✎ Discussant: **Hans Günter Brauch** [book co-editor].



# 10. Survival Dilemma, Economic Security & Alternative Security Strategies

**Joint Session of the Commissions on Environment, Security & Disarmament & Global Political Economy**

✎ Chair: **Wayne Reynolds** (Australia), chair of Security Commission

✎ Introduction: **Hans Günter Brauch** (Germany): From Sussex (1986) to Sopron (2004): 18 years of the Security and Disarmament Commission - Towards new goals [GMOSS]

✎ Paper 5: **Hans Guenter Brauch** (Germany): From a Hobbesian Security to a Grotian Survival Dilemma [GMOSS, book co-editor].

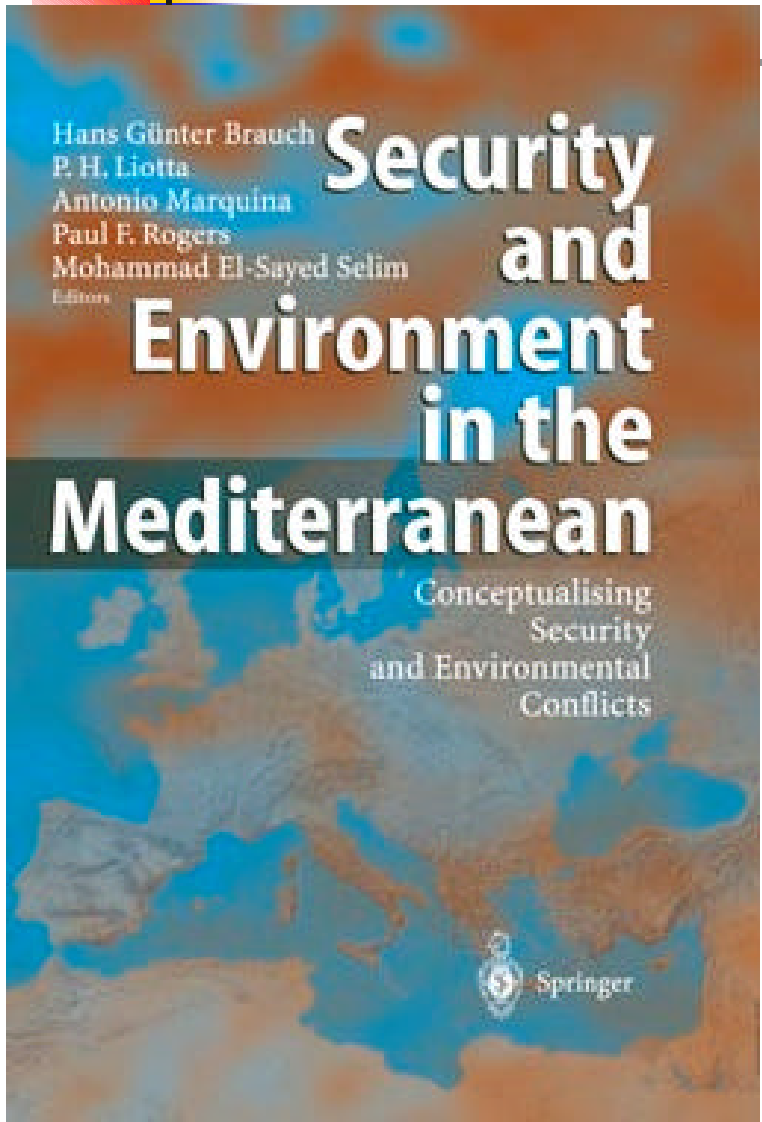
✎ Paper 6: **Czeslaw Mesjasz** (Poland): Economic Security [GMOSS, book co-editor].

✎ Paper 7: **John Garofano** (USA): Alternative Security Strategies [USNWC, book contributor]

✎ Discussants: **Ursula Oswald** (Mexico), co-chair of the Environment Commission, book co-editor; **Caroline Higgins** (USA), Political Economy Commission

# Sources

([http://www.afes-press.de/html/download\\_hgb.html](http://www.afes-press.de/html/download_hgb.html))



Hans Günter Brauch  
P. H. Liotta  
Antonio Marquina  
Paul F. Rogers  
Mohammad El-Sayed Selim  
Editors

## Security and Environment in the Mediterranean

Conceptualising  
Security  
and Environmental  
Conflicts

Springer

- ✍ Brauch: *Climate Change and Conflicts* (Berlin: BMU 2002) ([http://www.bmu.de/en/800/js/download/b\\_climges/](http://www.bmu.de/en/800/js/download/b_climges/))
- ✍ 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](http://www.afes-press.de/html/bk_book_of_year.html))
- ✍ Next workshop: The Hague, 9-11 Sept. 2004: **Reconceptualising Security in an Era of Globalisation** (5th Paneuro-pean Conference on Int. Relations) ([http://www.afes-press.de/html/the\\_hague.html](http://www.afes-press.de/html/the_hague.html))