



**Global Monitoring
for Stability and Security**

A F E S  P R E S S

<http://www.afes-press.de/html/download.html>

Team Work Package 21.000 Security Concepts & Threats

(Detailed project description with deliverables at:
Technical Annex to Contract between EU-DLR, p. 47/48)
at: <http://intelligence.jrc.cec.eu.int/gmoss/gmoss.html>



Hans Günter Brauch, AFES-PRESS

Reconceptualising Security

Ingemar Dörfer, FOI

Defining Threats

GMOSS Kick-off Meeting, Brussels, 5 March 2004

AFES-PRESS & FOI: WP 21000

Security concepts & threats



- **AFES-PRESS team contributing in workpackage 2100**
- **AFES-PRESS: work in two phases**
- **AFES-PRESS work plan of 2004: 3 international conferences**
- **FOI: Defining Security Threats (Dörfer, FOI)**
- **Integration of Work of AFES-PRESS with FOI**
- **Hexagon Series on Human and Environmental Security and Peace**
- **Research Context: Fourth Phase of research on Human and Environmental Security and Peace (HESP)**
- **Product 1: Reconceptualising Security in the 21st Century – Facing Challenges of Global Environmental Change & Globalisation**
- **Product 2: Redefining Security in the 21st Century**
- **Conclusions: Realising the Goals & Mission of GMOSS**

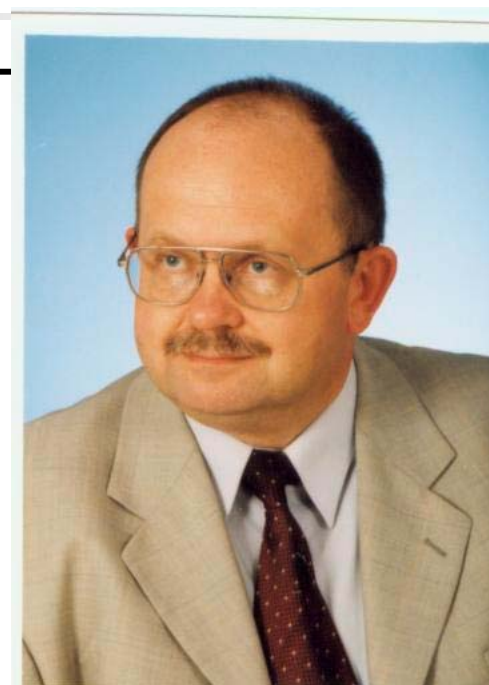
1.1. AFES-PRESS Senior Team



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

1.2. 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)**

1.3. 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.
US Naval War
College, USA
co-editor



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2. AFES-PRESS: work in 2 phases

Reconceptualisation of Security in 21st Century (2004-06)

- Major reference book in Hexagon Series (Springer-Verlag):
Co-editors: **Brauch – Grin – Mesjasz (AFES-PRESS)** -
Chourou (Med. partner), **Liotta** (US partner) & 3 from Third
World regions in **Asia, Sub-Saharan Africa & Latin America**

Initial proposal (2006-7): Food & Energy Security in the Euro-Mediterranean (with Tunisian & Egyptian partners cannot be funded due to constraints of 6 FP for non-EU countries)

Redefining Security Interests (2006-2008)

- Possibly **second** major reference book in the **Hexagon Series** to be discussed & developed by AFES-PRESS & FOI



WP 21000: AFES-PRESS & FOI

3. AFES-PRESS work plan of 2004

Three major conference appearances

- These workshops are part of the obligations of AFES-PRESS under the Technical Annex to the contract between the EU Commission and DLR (see: deliverables: p. 28-31; workshops: p. 40, workpackage, p. 47-48);
- **Montreal:** 45th International Studies Association Convention (17-20 March 2004): 2 panels (deliverable D.52)
- **Sopron:** 20th International Peace Research Conference (5-9 July 2004) sev. panels planned (deliverable D.68)
- **The Hague:** 5th Pan-European Conference for International Relations (8-12 September 2004) (deliverable D.75)

3.1. AFES-PRESS work plan of 2004:

Montreal: ISA Convention (17-20 March 2004)

■ **Friday, 19 March 2004, 8.30-10.15, Kafka R.** **Reconceptualising Security I: Environmental Security**

- 1: **Brauch (GMOSS):** Reconceptualising Security: A Contribution to the Fourth Phase of Research on Human and Environmental Security and Peace (HESP)
 - 2: **Mesjasz (GMOSS):** Security as Property of Social Systems
 - 3: **O. Dahmann (GMOSS):** Trust and Confidence as basis for Security
 - 4: **M. Selim (GMOSS):** Concept of environmental security in the Arab world
 - 5: **R. Matthews (GECHS):** Global Environmental Change and Human Security: Research on Social Vulnerability and Conflict
- Discussant: Ho-won Jeong** (George Mason, USA)

Friday, 19 March 2004, 10.30-12.15, Kafka Room **Reconceptualising Security II: Human Security**

- 6: **P. Liotta** (US NWC): Uncertain Trinity: Ethics, Interests, Human Security
 - 7: **B. Chourou (GMOSS):** Concept of human security in the Arab world
 - 8: **Fabien Nathan (GMOSS):** Disaster and Human Security
 - 9: **I. Dörfer (GMOSS):** Old and new security threats to Europe
 - 10: **R. Leibel (USA):** Security is Now the Sturdy Child of Terror
- Discussants: J. Dedring** (New York Univ); **J. Harrelson-Stephens** (Univ. of Texas, Dallas)



3.2. AFES-PRESS work plan of 2004:

Goal of AFES-PRESS part of WP 21.000

- ❖ **Presentation of GMOSS team to major international professional conferences (ISA, IPRA, SGIR)**
- ❖ **Global scientific networking („global“ of GMOSS, GMES)**
- ❖ **Awareness Raising for GMES and GMOSS**
- ❖ **Search for authors for book: **Reconceptualising security****
- ❖ **Joint appearance and integration: AFES-PRESS & Swedish partners: FOI (Dörfer), (Dahlman)**
- ❖ **Additional presentations of H.G. Brauch in Washington, D.C. at the GDIN 2004 conference at the State Department, Wilson Center & Stimson Center in March 2004**



3.3. AFES-PRESS work plan of 2004: **Sopron: 20th IPRA Conference (5-9 July)**

- **Call for papers open: Internal planning stage (done)**

Panel 1: Water and Security (Chair: H.G. Brauch):

AFES-PRESS GMOSS junior team (Ph.D. candidates)

1: A.Houdret (G): Water Scarcity & conflict – institutional sustainability.

2: F.Nathan (G): Urban water-related risks: growing security concern

3: M.Tignino (G): Intern. Watercourses Law & Security: Trends & Prospects

- **Discussant: Czeslaw Mesjasz**

Panel 2: Reconceptualising Economic and Human Security (Chair: Mesjasz) AFES-PRESS GMOSS & partners

**4: H.G.Brauch: From a Hobbesian Security to a Grotian Survival
Dilemma [GMOSS]**

5: Czeslaw Mesjasz (Poland): Economic Security [GMOSS]

6: John Garofano (USA): Alternative security strategies [USNWC]

Discussant: NN

3.5. AFES-PRESS work plan of 2004:

The Hague: 5th Pan-European Conference for International Relations (8-12 September)

- **Internal planning stage (call for papers closed)**
Thursday, 9 September 2004

Panel 1: Introduction; Reconceptualising Security

Introductory papers: Brauch, Mesjasz & Grin (**AFES-PRESS- GMOSS**)

Panel 2: Rec. Environment. & Human Security in Maghreb

Participants from Morocco, Algeria, Tunisia, Mauritania

Panel 3: Rec. Environment. & Human Security in Masriq

Participants from Egypt, Israel, Jordan

Panel 4: Reconc. Sectoral Security: Food, Energy, Health

Participants from FAO, IEA, WHO will be invited to come at the cost of their organisations to be represented in the book. These institutional conceptualisations will be contrasted with scientific ones.



3.6. AFES-PRESS work plan of 2004:

The Hague: 5th SGIR (8-12 September)

Friday, 10 September 2004

Panel 5: Rec. Env. Security in Africa, Asia & Lat. America

One participant from Africa, Asia & Latin America to be invited if additional funding can be raised from third sources.

Panel 6: Rec. Human Sec. in Africa, Asia & Lat. America

One participant from Africa, Asia & Latin America to be invited if additional funding can be raised from third sources. .

Panel 7: Water & Security Linkages: **GMOSS junior team**

4: Houdret: Water as a security concern: Conflict or co-operation?

5: Nathan: Sociol. insight on urban water-related disasters in Latin America

6: Tignino: The status of water in armed conflicts

Panel 8: Nordic Theoretical Perspectives (Submitted papers from call)

Papers by Harle (Lappl.), Laitinen (Tampere, Finland), Sending (Oslo, Norw.)

The costs will be covered by institutions of speakers



3.7. AFES-PRESS work plan of 2004: The Hague: 5th SGIR (8-12 September)

Saturday, 11 September 2004

Panel 9: Alternative Security Futures, Security & Counter-Terrorist Strategies

Papers by Liotta (USA), Ekengren (Sweden), Pareva (Spain)

Panel 10: Different topics to be specified later

Papers by Amineh (Hague), J. Grin (Amsterdam, NL); Rakel, (HU, Berlin), Hoogensen (Tromsø),

Status of Organisation

(due to organisers schedule)

Status: 5 panels done, 1 invitation is out, 4 panels depend on funding decisions by NATO (2 panels) and other third sources (2 panels)



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4. FOI: Defining Security Threats

- **(Large scale aggression)**
- **Terrorism**
- **Proliferation of WMD**
- **Regional conflict**
- **State failure**
- **Organised crime**

Various threats are caused by others and enhance each other.



WP 21000: AFES-PRESS & FOI

5. Integration of AFES-PRESS and FOI

Joint conference appearances

Montreal: Joint appearance: AFES-PRESS, FOI, ODA

Sopron: appearance of other GMOSS partners is possible

The Hague: 2-3 GMOSS funded panels of GMOSS members: new security problems & threats

Special Issue of a scientific journal

Grin (AFES-PRESS) & Rundquist (FOI) will discuss the possibility to co-edit a special issue of a policy oriented scientific Journal together with a scholar from the Third World (e.g. from India) if travel funding can be raised. The topics may focus on new military threats posed by new technologies and non-state actors (terrorism). The best submitted and additional commissioned papers could qualify for this **integrated GMOSS product**.



6. Hexagon Series on Human and Environmental Security and Peace

- **Series:** focus on environment & security linkages, human-centred perspective, value-oriented
- **Vol. 1:** *Security & Environment in the Mediterranean* (Forewords by Lord Robertson & Amre Moussa)
- **Vol. 2:** *Reconceptualising Security for the 21st cent.*
- **Publisher:** Springer-Verlag (merger w. Kluwer): major global scientific publisher with a high sc. reputation!
- **Editorial Advisory Board** to be created: offer for GMOSS books: 2 representatives: DLR, JRC (for reassurance to GMOSS Governing Board, EU Commission)



7. Fourth Phase of research on Human and Environmental Security and Peace (HESP)

Dual Relations between Environment & Conflict:

- **War as a Cause of Environmental Damage**
- **Environmental Change as a Cause of Crises and Conflicts**

Research on Environm. War Impacts since 1970s

- **UNEP supported Research at SIPRI and PRIO (Oslo)**
- **UNEP Post-Conflict Assessment Unit (UNEP-PCAU)**

Environmental Causes of Conflicts since 1990s

- **Environmental Degradation & Scarcity of Resources as a Cause and Trigger of Environmental Stress that may erupt in Conflicts**
- **Climate Changes as a Cause for the Decline of Civilisations**
- **Bad harvests and famine prior to 1789 and 1848 contributed to the emergence of revolutionary situations in Europe!**



7.1. Fourth Phase of research on 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 Mediterran.*

8. Reconceptualising Security in the 21st Century - Facing the Challenges of Global Environmental Change and Globalisation

(Technical Annex to Contract EU-DLR, p. 47/48)

- **5 (+3) co-editors:** 3 AFES-PRESS, 2 partners:
Brauch – Grin – Mesjasz – Chourou – Liotta
- **Focus:** Since end of bipolar Cold War: fundamental change in international security policy and in security concepts: widening, deepening, sectorialisations of „S“
- **Challenge: Global Envir. Change & Globalisation**
- **Audience:** major global reference book for students in social & geosciences and remote sensing & aerospace community, military academies, policy makers,
- **Structure:** Ten parts of the book

8.1. Reconceptualising Security

(Technical Annex, p. 47/48 to Contract EU-DLR)



- **I. Introduction: Theoretical Contexts: Conceptual Quartet of Peace, Security, Development and Environment & Reconceptualisations**
- **II. Cultural and Religious Contexts for Reconceptualisation of Security**
- **III. Spatial Context and Referents of Security Concepts**
- **IV. Reconceptualisation of Security in Scientific Disciplines**
- **V. Reconceptualising Dimensions of Security**
- **VI. Security Conceptualisation of Global Envir. Change & Fatal Effects**
- **VII. Sectoral Security Concepts Revisited for the 21st Century**
- **VIII. Global and Regional Environmental Security Revisited**
- **IX. Global & Reg. Human Security Approaches & Debates Revisited**
- **X. Conclusions: Reconceptualising Security for the 21st Century**

9. Redefining Security in the 21st Century or: Food & Energy Security in the Mediterranean



- For the second part of the project (2006-07+) two alternatives are being suggested:
 - A conceptual & geographical narrowing: on food & energy security in the Euro-Mediterranean region during the 21st century (initial proposal but Mediterranean partners cannot be funded by GMOSS) or:
 - A supplementary major reference book on: Redefining security interests, threat, challenges, vulnerabilities and risks from the vantage point of the European Union and its 25+ member countries
 - This must be developed jointly with our partners of FOI within the GMOSS network.

WP 21000: AFES-PRESS & FOI

10. Realising Goals & Mission of GMOSS



- The aim of the GMOSS network of excellence is to **integrate Europe's civil security research** so as 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**. [This implies for WP 21000]
- Investigations of **present and future threats to security** and the needs for exchange of information between stakeholders during crises;
- **To this task AFES-PRESS & FOI are to contribute!**



Primary Goals of WP 21000

Part 1: 2004-2006

- **Reconceptualising Security in the 21st Century -**
Product: First major global reference book
(Springer in Hexagon series)
- **Defining Security Threats: Joint AFES-PRESS-FOI**
Product: Special Issue of a scientific journal

Part 2: 2006-2008

- **Redefining Security in the 21st Century -**
Product: Second major global reference book
(Springer in Hexagon series)
- **Joint AFES-PRESS-FOI workshop in Sweden?**

Proposal for Teaching Activity 2005-2007 (1)



- **3 one week integrated courses for Ph.D. Candidates** (with a certificate, credit points)
- **Morning:** Lecture Series by Senior participants
- **Afternoon:** Integrated work groups of Ph.D. Candidates with specific tasks of security challenges, threats, disasters, migration, conflicts
- **Saturday:** Presentation of the results of the international and integrated work teams



Proposal for Teaching & working groups (2)

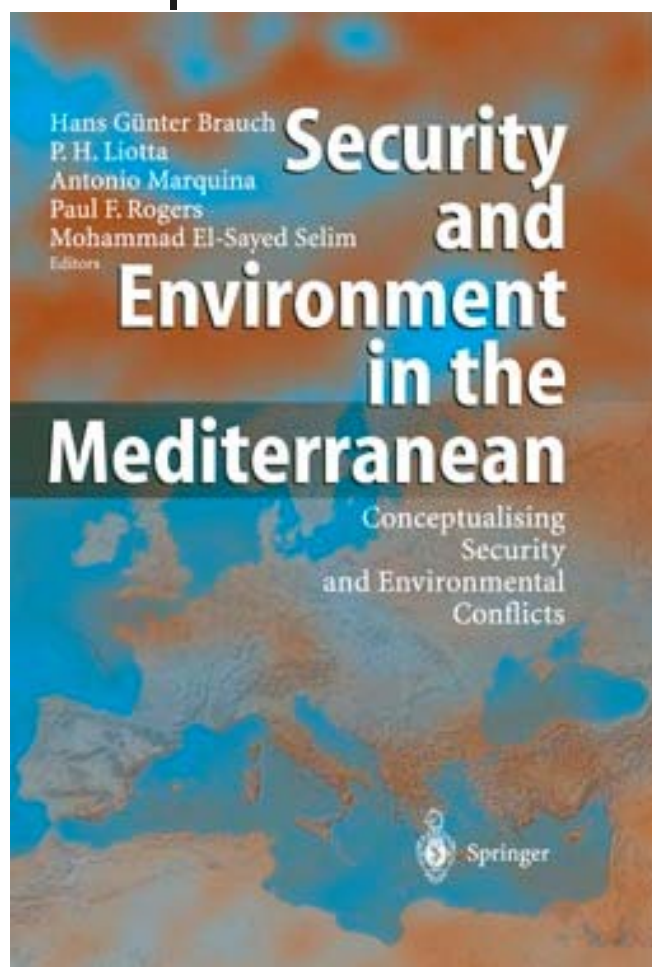
- **We should do what universities do not offer!**
- **Audience: our team of 20 Ph.D. candidates & 30 other Ph.D. candidates: 50**
- **Morning Lectures: (4 lectures per day): 20 lectures, 5-10 lecturers**
 - **Security concepts, structures, institutions, interests**
 - **Security threats, challenges, vulnerabilities and risks**
 - **Remote sensing tools**
 - **Application of remote sensing tools for EU purposes**
 - **EU decision making process, Council, Commission, ECHO**



Proposal for Teaching & working groups (3)

- **Working Groups of Ph.D. candidates** should be interdisciplinary & international (North & South)
- **5-10 Working Groups** with 5-10 Ph.D. candidates should work on specific past cases of disasters, crises, migration & conflicts (e.g. drought, famine)
- **Each Team: one senior adviser** (ECHO etc.)
- **Task:** Work on integrated solutions to fulfill ECHO, Commission & Council requirements & needs
- **Technical Requirements:** Library access, inter-net access points, satellite images (case documentation)

Sources: Hexagon Series on Human and Environmental Security and Peace



- Brauch-Liotta-Marquina-Rogers-Selim (Eds.): *Security and Environment in the Mediterranean* (Springer 2003) (http://www.afes-press.de/html/bk_book_of_year.html)
- BMU: *Climate Change and Conflicts* (2002) (http://www.bmu.de/en/800/js/download/b_climges/)
- On EU/ESA project GMES: (<http://www.gmes.info>)
- Free download of my other talks: (http://www.afes-press.de/html/download_hgb.html)
- This talk may be downloaded soon at: (http://www.afes-press.de/html/download_hgb.html)