

Workpackage 21.000 Progress Report: March-August 2004

According to the Technical Annex (p.47), the work package progress report consists of:

- 1) Progress report on the results of the first meeting of the senior and junior team of AFES-PRESS in November 2003 and on the presentations at the first two AFES-PRESS workshops in Montreal and Sopron (AFES-PRESS).
- 2) Progress report on defining security threats for Europe in the early 21st century and identifying a hierarchy of threats, new and old (FOI).

Part 1: AFES-PRESS Scientific Progress Report

1. AFES-PRESS GMOSS Team, Partners, Co-editors, Webmaster

The total AFES-PRESS team that implements the AFES-PRESS goals and obligations under GMOSS as specified in the Technical Annex (p. 47-49) consists of 14 persons from 11 countries and a network of about 150 distinguished scientific authors from all parts of the world. To comply with the rules for *EU Networks of Excellence* and established scientific practice, the team consists of several subgroups.

According to Appendix A to the Technical Annex the AFES-PRESS team consists of:

- **Researchers to be integrated (GMOSS funded):**

14. PD. Dr. habil. *Hans Günter Brauch* (German), Free University of Berlin, Germany, AFES-PRESS Chairman, AFES-PRESS GMOSS team leader and WP 21.000 coordinator;

15. Assoc. Prof. Dr. habil. *Czeslaw Mesjasz* (Polish), Economic University of Cracow, Poland, guest professor at business schools in Germany and France, deputy AFES-PRESS chairman board, deputy AFES-PRESS GMOSS team leader.

16. Prof. Dr. *John Grin* (Dutch), University of Amsterdam, The Netherlands, deputy AFES-PRESS chairman

- **List of Doctoral Students (GMOSS funded):**

1. *Annabelle Houdret* (German), German-French Ph.D. in political science, Free University of Berlin and Paris VIII with a German and French thesis adviser;

2. *Stefan Hintermeier* (German), Free University of Berlin, political science;

3. Fabien Nathan (French), Graduate Institute of Development Studies (IUED) and NCCR-NS/IP8, Geneva, sociology;

4. Mara Tignino (Italian), Graduate Institute of International Studies, Geneva, international law.

- **Associated Mediterranean partners (not GMOSS funded as a result of the review process, but with written permission of the GMOSS coordinator their travel costs for Montreal were fully covered by the AFES-PRESS GMOSS budget)**

17. Prof. Dr. *Bechir Chourou* (Tunisian), University of Tunis, Tunisia, co-editor and authors of both books;

18. Prof. Dr. *Mohammed El-Sayed Selim* (Egyptian), University of Cairo (on leave), University of Kuwait, author of two chapters on environmental and energy security.

- **Associated Co-editors of the AFES-PRESS GMOSS product (not funded), but their travel costs are fundable based on an Email by the coordinator of 12 August 2004.** As part of our academic freedom the AFES-PRESS board has invited four colleagues from non-EU countries to participate in our global intellectual mapping on the thinking on: “**Reconceptualising Security**” and in the editing of our GMOSS product. On 16 August 2004 the GMOSS coordinator did not raise any objections against our scientific decision that professional scientific cooperation may not be confined to Europe.
- **Dr. Navnita Chadha Behera** (Indian), Reader, International Relations, University of Delhi, India; Private: 113, South City Heights Apartments, South City-I, Gurgaon-122002, India; Home: ☎ +91-124-238 3338; Fax: +91-124-238 0756 (P.P.); E-mail: behera@vsnl.com. She is the author of *State, Identity and Violence: Jammu, Kashmir and Ladakh* (2000); *State people and Security: The South Asian Context* (Ed., 2001); *Perspectives on South Asia* (co-ed., 2000); *Beyond Boundaries* (Co-author, 1997).
- **Prof. Dr. Ursula Oswald Spring** (Mexican), Centro de Investigaciones Multidisciplinarias (CRIM), National University of Mexico (UNAM), Mexico, ☎ +52-777-3 291-833, FAX: 3 175981, Home: ☎ +52-777- 3 15-0652; E: uoswald@servidor.unam.mx. She is a Research professor, General Secretary of Latin-American Council for Peace Research (CLAIP), former President of International Peace Research Association (IPRA), and a former Minister of Ecological Development in Morelos. She wrote 30 books and 158 scientific articles..
- **Prof. Dr. P. H. Liotta** (American), Executive Director, Pell Center for International Relations and Public Policy, Newport, Rhode Island 02841-1207, USA ; ☎ +1-401-841-6435 📠 +1-401-841-6435 📧 peter.liotta@salve.edu. His research interests include the study of geography and geopolitics (particularly in the Euro-Mediterranean, and Central and South Asia) as well the re-examination of security issues in the contemporary environment.
- **Dr. Patricia G. Kamari-Mbote** (Kenyan), PO Box 30197, Nairobi, Kenya, Email: kamari-mbote@uonbi.ac.ke; pkamari-mbote@ielrc.org, ☎ 340857; 340858; 340477 (Office); 571202 (Residence); 0733-726511(Cellular). She teaches intellectual property rights law, law, science and technology, and gender and law at the Faculty of Law, University of Nairobi, an Advocate of the High Court of Kenya and Chair of Department of Private Law, Faculty of Law, University of Nairobi. She studied law in Nairobi, Warwick, Zimbabwe and Stanford.
- **Financial Officer, Webmaster and Book Producer**
Thomas Bast, AFES-PRESS board, Cashier

2. Gender Action Plan

The **GMOSS Gender Action Plan** (TA, § 6.6., p. 20) is an integral part of the Technical Annex, the legally binding work plan for the network. It calls for triggering the interest of women in the project. Among others the plan suggested to avoid “all-make groupings”. During the review process, AFES-PRESS has been requested by the EU official to increase the number of women participants AFES-PRESS has responded favourably to this request by:

1. inviting Ms. Mara Tignino, an international lawyer and Ph.D. candidate from Italy to join team as a student.

2. inviting three female professors from outside of Europe (India, Mexico, Kenya) to become co-editors of our major GMOSS product the Network () and AFES-PRESS (p. 47-48) are committed under the Technical Annex (TA, § 6.2.3, p. 17)

The coordinator did not object that based on established scientific freedom and professional practice the choice of co-editors is solely that of AFES-PRESS and may not of the network. The gender plan does not request that the women participating in or contributing to network activities must be living and working in an EU country or must be European citizens.

3. Meeting of AFES-PRESS Senior and Junior Team in November 2003

Prior to the start of GMOSS, the European members of the AFES-PRESS GMOSS group met on 8 and 9 November at their own cost in Mosbach at the AFES-PRESS head office. During the meeting the Ph.D. candidates presented their theses outlines that were intensively discussed and commented on by the three senior researchers. Representatives of FOI were invited but could not participate due to personal and time constraints in this first planning meeting.

The members of the AFES-PRESS senior and junior team agreed on three work priorities within GMOSS:

- a) to organise three AFES-PRESS GMOSS workshops in Montreal, Sopron and The Hague in 2004;
- b) to prepare the major publication of a major book on “reconceptualising security” during the years 2004-2006; and
- c) to provide academic platforms for the junior scholars from Germany, France and Italy to be able to present outlines and parts of their dissertations at major and high quality established professional scientific conferences that would assist both the progress of their dissertations and permit them individual contacts and networks.

4. Results of the first AFES-PRESS GMOSS Workshop, 17-20 March 2004

The International Studies Association (ISA) is the largest and major professional conference in international relations (including security studies and peace research) specialists. The 45th Annual ISA Conference in Montreal was attended by some 2000 scholars, most of them from the USA and Canada. The first AFES-PRESS GMOSS workshop consisted of two consecutive panels on “Reconceptualising environmental and human security”. The following programme was fully and successfully implemented:

**Friday, 19 March 2004, 8.30-10.15, Kafka Room [A13]
Reconceptualising Security I: Environmental Security**

Sponsor: Environmental Studies and International Security Studies

Chair: Hans Günter Brauch, Free University Berlin, AFES-PRESS, EU network of excellence (GMOSS):
[Introduction: EU-Network of excellence on security: Global Monitoring for Stability and Security \(GMOSS\) - AFES-PRESS contribution on Reconceptualising of security](#)

Speaker 1: Hans Günter Brauch (Free University of Berlin; AFES-PRESS & GMOSS):
[Reconceptualising Security: A Contribution to the Fourth Phase of Research on Human and Environmental Security and Peace \(HESP\)](#)

Speaker 2: Czeslaw Mesjasz (Krakow, Poland; GMOSS member):
[Security as Property of Social Systems](#)

Speaker 3: Ola Dahlman (Stockholm, Sweden; GMOSS member):
[Trust and Confidence as Basis for Security](#)

Speaker 4: Mohammad El-Sayed Selim (Cairo, Egypt; GMOSS partner):
[The Concept of Environmental Security in the Arab World](#)

Speaker 5: Richard Matthew (UCI, 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 [B09]

Reconceptualising Security II: Human Security

Sponsor: International Security Studies and Peace Studies

Chair: Hans Günter Brauch, Free University Berlin, AFES-PRESS, GMOSS

Speaker 6: P. H. Liotta (US Naval War College, USA):

[An Uncertain Trinity: Ethics, Interests, and Human Security](#)

[Powerpoint presentation](#)

Speaker 7: Béchir Chourou (University of Tunis, Tunisia; GMOSS partner):

[The Concept of Human Security in the Arab World](#)

Speaker 8: Fabien Nathan (University of Geneva, Geneva; GMOSS):

[Disaster and Human Security](#)

Speaker 9: Ingemar Dorfer (FOI, Sweden; GMOSS member):

[Old and New Security Threats to Europe](#)

Speaker 10: Rhona Leibel (Metropolitan State University, Minneapolis, USA):

[Security is Now the Sturdy Child of Terror: Research After September 11](#)

Discussant: Jürgen Dedring (New York University)

Julie Harrelson-Stephens (University of Texas, Dallas)

All papers are posted on the AFES-PRESS GMOSS website and are accessible for the GMOSS and scientific community at: http://www.afes-press.de/html/download_isa.html .

Both AFES-PRESS GMOSS panels were among the most international panels of the conference. Usually only few scientists from France and Italy attend ISA meetings and hardly any scholar who is working and living in Mediterranean Arab countries. The ISA meeting offered the two Arab colleagues and two junior team members a good opportunity to participate and to observe the major professional scientific conference.

The ISA conference provided a an extraordinary opportunity for the chief editor to invite leading security scholars (e.g. ISA President Jacek Kugler, USA; Prof. Barry Buzan, UK; Prof. Ole Waever, Denmark) to join the AFES-PRESS GMOSS book project as authors. At least ten new authors joined this ambitious book project after these conversations. **Excellent!!!**

5. Results of the second AFES-PRESS GMOSS Workshop, 4-10 July 2004

The International Peace Research Association (IPRA) is the bi-annual global professional conference of the peace research community. The 20th IPRA Conference in Sopron (Hungary) was attended by some 2000 scholars, many of them from Third World countries.

The second AFES-PRESS GMOSS workshop consisted of two consecutive panels on: “Water and Security” and on: “Survival Dilemma, Economic Security and Alternative Security Strategies”. The following programme was fully and successfully implemented:

Tuesday, 6 July

Session 1: Tuesday, 6 July 2004 14:00 - 15:30

Water and Security [EU Network of Excellence GMOSS]

Joint Session of the Commissions on Environment, Security and Global Political Economy

Chair: Czeslaw Mesjasz (Poland), co-editor of the book on Reconceptualising Security [GMOSS]

[Introduction: Hans Günter Brauch \(Germany\): Global Monitoring for Stability & Security \(GMOSS\) - Contributing to GMES](#) [GMOSS, chief book editor]

[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 \(Mexico\), National University, Mexico: Water and its security in semi-arid environment](#) [book co-editor].

[Discussant: Hans Günter Brauch](#) [GMOSS, lead editor of the book on reconceptualising security]

Session 2: Tuesday, 6 July 2004 16:00 - 17:30

Survival Dilemma, Economic Security and Alternative Security Strategies [EU Network of Excellence GMOSS]
Joint Session of the Commissions on Environment, Security and Disarmament and Global Political Economy

Chairs: Wayne Reynolds (Australia), chair of the 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, book lead editor]

[Paper 5: Hans Guenter Brauch \(Germany\): From a Hobbesian Security to a Grotian Survival Dilemma](#) [GMOSS, book lead 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 and book-coeditor; Caroline Higgins (USA), Political Economy Commission

Friday, 9 July 2004

Final Plenary Meeting on Environment, Development and Peace

CHAIR: Bernadette Methuin, South Africa

SPEAKERS/PANELLISTS:

Ursula Oswald, Mexico: Water and Peace

[Hans Guenter Brauch, Germany: Global Environmental and Climate Change and Conflicts: Towards a Peace Research Agenda for Environmental Conflict Avoidance in the 21st Century](#)

Jean Kamau, Kenya: Ecofeminism in Africa

During the Cold War, IPRA provided a framework where scholars from East and West could meet and cooperate. In 1986 in Brighton, the two AFES-PRESS GMOSS coordinators started their long-term scientific cooperation. IPRA provided the three participating junior team members an opportunity to appear for the first time as a trinational team.

Prof. Oswald, the first female environment minister in Mexico, nominated Ms. Annabelle Houdret from the AFES-PRESS junior team as her successor as the only female co-convenor of the Ecology and Peace Commission within IPRA. Thus, GMOSS by offering talented young Ph.D. candidates to present their emerging work, provided them an opportunity to gain international recognition. Together with colleagues from South Africa and the USA, Ms. Houdret will prepare the next sessions of the Ecology and Peace Commission during the 21st IPRA Conference in 2006 in Calgary, Canada.

The IPRA conference provided another good opportunity for the lead editor to invite many leading security scholars, political scientists, philosophers and peace researchers to join the AFES-PRESS GMOSS book project as authors. At least five new authors (from Belgium, Finland, India, South Africa, New Zealand), among them a former (Prof. Clements, Univ. Brisbane, Australia, the present (Prof. Kodama, Japan) and the future (Prof. Reychler, Univ of Löwen, Belgium) Secretary General of IPRA, joined this ambitious book project.

6. Overview of all meetings and workshops held

During the first six months, the AFES-PRESS team tried to raise public participation and awareness (TA, § 6.7, p. 20) for GMOSS, and to spread excellence (TA, § 6.3, p. 17-18). All AFES-PRESS workshops, and the participation of AFES-PRESS GMOSS members as speakers and discussants at high-level international professional workshops were to attract (as authors) and to “spread excellence” (TA, § 6.1.3, p. 10). In this regard, of special importance were the WP co-ordinator’s four talks to the think tank and policy community in Washington (March 2004), to the major conference on environmental security in The Hague (May 2004) and the attendance at the founding meeting of the new UNU-EHS in Bonn.

However, from the very beginning AFES-PRESS actively participated in the emerging integration activities on gaming with all of partners in WP 21.000, WP. 21.100 and WP 21.200. AFES-PRESS will share the scientific expertise that will be gradually developed with its major GMOSS publication project available to all GMOSS partners for future integrating and training activities that will gradually emerge during the next 42 months.

7. Preparation for the book(s) on Reconceptualising Security

The whole GMOSS network (TA, § 6.2.3.1, p. 17) and AFES-PRESS (TA, p. 47-49) are legally committed to produce a book on *reconceptualising security* “which will aim to contribute to the European Union’s efforts to develop its Common Foreign and Security Policy”. Both the AFES-PRESS workshops and the preparation of the book(s) are the sole contribution of AFES-PRESS to Workpackage 21.000. The management time of the AFES-PRESS team leader was used to prepare the implementation of this goal by:

- a. Offering our WP partner FOI a position as a co-editor of the planned publications and inviting them as speakers and participants to all workshops to foster integration;
- b. To form a team of scientific co-editors with high academic standards who would contribute to a peer-review process of the global intellectual thinking on security;
- c. To contact and invite authors to contribute high quality book chapters to this GMOSS publications. A special emphasis was given to include both leading experts in the field, and highly qualified female and junior scholars.
- d. To prepare a book proposal for a leading scientific publisher (mid April 2004);
- e. After acceptance of the book proposal in May 2004 by Springer Verlag;
- f. To negotiate a book contract with Springer (10 August 2004); and
- g. To sign a legally binding publishing agreement with Springer-Verlag in August 2004.

To implement this task close at least 1.000 Emails were necessary with 200 – 250 potential authors globally, not all of them had time resources left to join our team of authors. After the first six months, all goals were fully achieved. After a meeting with the responsible editor for geosciences within Springer Verlag it was agreed to divide the huge publication projects into two separate volumes:

1. Hans Günter Brauch, John Grin, Czeslaw Mesjasz, 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, 2006).
2. Hans Günter Brauch, John Grin, Czeslaw Mesjasz, Navnita Chadha Behera, Béchir Chourou, Ursula Oswald Spring, P.H. Liotta, Patricia Kameri-Mbote (Eds.): ***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).

WP 21.000, AFES-PRESS Meetings & Workshops, Report 1: March-August 2004

No.	Type	Date	City	GMOSS members						GMOSS Total	Audience Total/Panel	Scientific papers presented		AFES-PRESS Webpublication		Peer-reviewed publications
				AFES-PRESS	FOI	OD	Salzburg	DLR				AFES	other	AFES	other	
1	O	1.-2.3.	Bonn (ZEF, BICC)	1	-	-	-	-	-	Ca. 70	-	many	-	yes	Authors talks	
2	M,D	3.3.	Brussels, EU	1	-	-	-	-	1	Ca. 5	-	no	no	no	Background Govern.Board	
3	C, P	4.-5.3.	Brussels, KO	1	3	-	-	many	24 (70)	60-70	-	no	yes	5	Planned 2006, author talks	
4	A,E, C, P	17.20.3.	1 st AFES WS. Montreal, Ca	6	1	1	-	-	8	1.500 (50)	5	5	6	5	Planned 2006, author talks	
5	A, E	27.3.	Washington: GDIN	1	-	-	-	-	1	300 (30)	1	many	1	-	Planned 2006, author talks	
6	A, E	29.3.	Washington: Ebert-Found.	1	-	-	-	-	1	25	1	-	1	-	Planned 2006, US Gov./NGOs	
7	A, E	30.3.	Washington: Stimson Cent.	1	-	-	-	-	1	15	1	-	1	-	Planned 2006, think tanks	
8	A, E	31.1.	Washington: Wilson Center	1	-	-	-	-	1	10	1	-	1	Re-port	Planned 2006, author talks	
9	M,D	5.4.	New York, UN	1	-	-	-	-	1	6	1	-	1	-	Author talks	
9	O	7.-8.5.	Bonn (BICC)	1	-	-	-	-	1	60	-	-	-	no	Author talks	
10	A, E	9.-12.5.	The Hague	1	-	-	-	-	1	300 (100)	1	-	1	many	Author talks	
11	O, R	15.6.	Bonn, UNU EHS Opening	1	-	-	-	-	1	200	-	few	-	yes	Author talks	
12	B,C	21.6.	Salzburg	1	1	1	3	1	7	7	none	none	none	yes	None	
13	A,E, C, P	4.-10.7.	2 nd AFES WS Sopron, Hung.	5	-	-	-	-	5	300-500	5	3	8	3	Planned 2006	
14	C, P	29.7.-2.8.	Mosbach (co-chairs)	2	-	-	-	-	2	-	-	-	-	-	-	
Total				25	5	2	3	1	100		18	8	21	8		

<h2 style="text-align: center;">Abbreviations & Background Information</h2>	
<p>Type of workshop (Technical Annex, para 6.1.3, p. 10)</p> <ul style="list-style-type: none"> • A: Raising Public participation and Awareness (para 6.7, p.20) • B: Brainstorming • C: Coordination (AFES-PRESS, WP 21.000) • D: Discussion • E: Workshop “spreading excellence” • I: Workshop “integration” • KO: Kickoff-meeting • M: Meetings with EU, UN, WB officials • O: Observation of other workshops of relevance for WP 21.000 • P: Planning meetings (AFES-PRESS, WP 21.000) • R: Representation 	<ul style="list-style-type: none"> • All Deliverables that were listed for the first six months in the Technical Annex for WP 21.000 on p. 47, p. 28-31) • All papers presented at the first two AFES-PRESS workshops and all additional papers listed above are on the web accessible at: http://www.afes-press.de/html/download_gmooss.html
<p>To achieve the scientific goals of the <i>Network of Excellence on Security</i> (GMOSS) the scientific papers that were presented at the first two AFES-PRESS GMOSS workshops will be considered for publication after a peer-review process by 8 co-editors from 8 countries and by additional outside scientific reviewers based on high professional academic standards. A contract for two volumes will be signed by end of August 2004 between Dr. H.G. Brauch (AFES-PRESS) with Springer Verlag.</p> <ol style="list-style-type: none"> 1. Hans Günter Brauch, John Grin, Czeslaw Mesjasz, Navnita Chadha Behera, Béchir Chourou, Ursula Oswald Spring, P. H. Liotta, Patricia Kameiri-Mbote (Eds.): <i>Globalisation and Environmental Challenges: Reconceptualising Security in the 21st Century</i> (Berlin – Heidelberg – New York – Hong Kong – London – Milan – Paris – Tokyo: Springer-Verlag, 2006). 2. Hans Günter Brauch, John Grin, Czeslaw Mesjasz, Navnita Chadha Behera, Béchir Chourou, Ursula Oswald Spring, P. H. Liotta, Patricia Kameiri-Mbote (Eds.): <i>Global Environmental Change: Environmental, Human, Energy, Food, Health and Water Security Concepts</i> (Berlin – Heidelberg – New York – Hong Kong – London – Milan – Paris – Tokyo: Springer-Verlag, 2007). <p>Both books will assemble about 144 book chapters by about 150-160 authors from all parts of the world. As a contribution to the integration between the social science and remote sensing community both books can be illustrated by satellite images (in colour or black and white) supplied by GMOSS partners free of charge.</p> <p>An offer will be made in 2005/2006 to GMOSS to obtain a copy for all GMOSS members at a 40% discount from the official price.</p>	

At present 144 chapters have been planned and all but three chapters have been confirmed by the authors. High level policy officials of the UN, NATO and the European Union will be invited to contribute forewords, and nobel laureates, former ministers and ambassadors have been or will be invited to contribute preface essays.

In order to contribute to an integration between the social science security community and the remote sensing community in due time the GMOSS partners in the remote sensing community will be invited to contribute high resolution satellite images either in black and white or in colour.

AFES-PRESS has discussed with the representative of the publisher a high discount if the GMOSS General Board would like to purchase one copy for all GMOSS participants and thus to share the results of the work of one GMOSS partner with all partners. AFES-PRESS will submit a detailed proposal and request for data sharing to the next meeting of the General Board in spring 2005 and also a proposal for financing the sharing of the scientific results on “reconceptualising security” with all GMOSS members and relevant EU institutions.

8. Contribution to Integration of WP 21000. 21.000 and 21.200 on Gaming

Although gaming has not been a goal of the WP 21.000 and of the AFES-PRESS component, AFES-PRESS has actively participated in the preparation and discussion of the joint internal paper on “Gaming as a tool for analysis and training” that has been put on the GMOSS website as a joint paper.

AFES-PRESS has also made specific proposals as to how the remote sensing component could be introduced into training activities for both EU Council and ECHO decision making simulations. To be policy relevant, AFES-PRESS has also argued that security games should take the specific policy competences of EU organs into account and it referred to the political sensitivities of games in areas where the European Commission and its organs do not yet have any competence.

9. Reply to Request of the Reviewers

Many questions posed by the reviewers do not apply to social science security research.

However, the wider AFES-PRESS GMOSS team (with partners from outside of Europe) is working closely on scientific integration activities with regard to policy relevant areas on the linking of “environment and security” that are among key goals of both *GMES* since Baveno in 1998 and of the US-inspired *Global Earth Observation Summit* process (since 2003).

GMES is to monitor both “environment” and “security”. Thus environment and security linkages that have been in the centre of the global intellectual mapping of the AFES-PRESS contribution to WP 21.000 are of direct relevance for the preparation of GMES by 2008. Within the European Union, not only narrow military threats but also environmental challenges, manifold vulnerabilities and risks have become major concerns of both the DG Relex, DG Development and DG Environment, as well as of ECHO. Conceptual clarity is a precondition for the development of “vulnerability” indicators and “vulnerability maps”, an effort where both the remote sensing and the social science competence within GMOSS can make both scientifically based and policy relevant contributions.

AFES-PRESS has succeeded in July 2004 with a proposal with outside partners from Italy, Spain, Algeria, Morocco, Egypt and Jordan for a project on *desertification* funded by NATO.

Members of the AFES-PRESS GMOSS team of book editors are presently preparing a proposal with a US partners for a major meeting in June 2004 on: *Global Environmental Challenges in the 21st Century - Potential Security Implications for North America and Europe* on issues of high policy relevance for the future relations between Europe and North

America. The issues to be discussed there will be of potential interest for GMES and its two sponsors the Commission and ESA, especially the planned focus on climate change, soil erosion, deforestation and desertification as well as water and food security issues to which remote sensing has already made significant contributions. If there is an interest within GMOSS, AFES-PRESS can propose GMOSS group members to the organisation committee for this planned major scientific and policy-relevant transatlantic event.

A major goal of the AFES-PRESS senior team has been to support our Ph.D. candidates in political science, sociology and international law, by offering them international platforms in order to get international scientific recognition. GMOSS funds have already fostered an intensive interdisciplinary and international academic exchange among our junior team members from France, Germany and Italy. AFES-PRESS senior and junior members from five countries and four disciplines have invested much time in the intensive internal networking across generations and disciplines.

10. Proposals for Enhancing Integration and Spreading Excellence

At the kick-off meeting AFES-PRESS has presented a specific proposal for an integration of social science and remote sensing capabilities in both training (among senior) and teaching (of senior for junior team members). GMOSS could play an innovative role for bringing both communities together that can attract Ph.D. candidates from within and outside GMOSS.

To enhance integration and to spread excellence, AFES-PRESS has offered on 27 July 2004 to all members of GMOSS its readiness to organise a single workshop during 2005 within the First Global International Studies Conference to be held in Istanbul at Bilgi University, 24 – 27 August 2005 with up to ten panels. The idea behind this proposal is threefold:

- To demonstrate the security relevant capacity of the remote sensing community to the global social science community;
- To take the lead as a European network of excellence within the first global conference of international relations and security studies specialists;
- To move towards a conceptual integration of security threats, challenges, vulnerabilities with the capabilities the remote sensing community can contribute.

To illustrate how such an “integrated” workshop “to spread excellence” could look like ten themes for possible panels were suggested.

Panel 1: Reconceptualising Security: Security Threats, Challenges, Vulnerability & Risks

Panel 2: Social Science Concepts of Hard Military and Political Security Threats (WMD, terrorists)

Panel 3: Contribution of Remote Sensing to the Recognition of Security Threats

Panel 4: Social Science Concepts of Environmental Security Challenges

Panel 5: Contribution of Remote Sensing to the Recognition of Environmental Security Challenges (Climate change, soil erosion, land-use changes, etc.)

Panel 6: Social Science Concepts of Security Vulnerability

Panel 7: Contribution of Remote Sensing to the Recognition of Security Vulnerabilities (vulnerability maps of flood-prone areas, earthquake impacts, etc.)

Panel 8: Social Science Concepts of Military and Environmental Security Risks

Panel 9: Contribution of Remote Sensing to the Recognition of Security Risks (illegal migration etc.)

Panel 10: Towards an Improved Early Warning of Security Threats, Challenges, Vulnerability and Risks: Prospective Contributions of GMES

In case there should be any interest among some partners within the network, on behalf of the Commission and the reviewers, AFES-PRESS suggests that an organisation group between 2 or four interested GMOSS members, representing equally the social science and the remote sensing expertise, should be formed to prepare such a workshop where scholars both from the GMOSS network and from outside may submit paper proposals for review.

Swedish Defense Research Establishment (FOI)

17290 Stockholm, Sweden

Dr. Ingemar Dörfer, FOI, GMOSS-team for WP 21.000

Part 2: FOI Scientific Progress Report

OLD AND NEW SECURITY THREATS TO EUROPE. A HIERARCHY

The report is based on a paper presented by Ingemar Dörfer at the annual conference of the International Studies Association in Montreal, March 2004.

[This paper is accessible at: http://www.afes-press.de/pdf/Doerfer_Mont_9.pdf.]

Europe is defined as the twenty five (to become twenty seven) members of the European Union. This Europe is post modern and modern , to use the vocabulary of Robert Cooper. On its borders are several pre modern states that can pose their own particular asymmetrical threats to Europe. Mega threats such as poverty, disease, global warming and energy dependence are excluded in this analysis that avoids the nebulous concept of "human security".

The major five new threats are identified in the European Strategy presented in December 2003. The most lethal one is a combination of terrorism and proliferation of weapons of mass destruction. The main old threats are conventional and nuclear war. These are more common in the modern states of Asia than in post modern Europe and will lead to larger conflicts.

In the hierarchy of threats the old threats outrank the new ones. even though their probability now is much smaller. The security threats to Europe are in 2004:

Type of threat	Old/new	Probability
Nuclear attack	old threat	low probability
Attack with other WMDs	old threat	medium probability
Conventional armed attack	old threat	very low probability
Terrorism	old and new threat	high probability
Proliferation of WMD	new threat	high probability
Regional conflict	old and new threat	medium probability
State failure	new threat	low probability
Organized crime	old and new threat	high probability

Appendix to AFES-PRESS Scientific Progress Report
(Confidential and for Background for the Commission and the Reviewers.
This appendix may in no case be put on the web)

Hans Günter Brauch, John Grin, Czeslaw Mesjasz, 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, 2006)

P.H. Liotta: Hugo Grotius and the perennial theme of war and peace (poem)

Forewords by global political leaders

High level UNO official

High level EU official

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- **Amb. Jonathan Dean**, Union of Concerned Scientists, USA: Rethinking of Security: A Grotian perspective for a new transatlantic consensus

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Volume 2

Hans Günter Brauch, John Grin, Czeslaw Mesjasz, Navnita Chadha Behera, Béchir Chourou, Ursula Oswald Spring, P. H. Liotta, Patricia Kameri-Mbote (Eds.):

Global Environmental Change Environmental, Human, Energy, Food, Health and Water Security Concepts

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Forewords by global political leaders

Secretary General of UNEP, Klaus Töpfer (confirmed)
High level NATO official
High level EU official

Preface Essays

- **R. Pachauri**, India, Chairman of the IPCC (confirmed)
- Mario Molina (Mexico), Nobel Laureate, Chemistry: Ozone Depletion and Global Environmental Change as security challenges for the 21st Century **(to be invited)**
- Ulf Merbold (Germany), Astronaut and cosmonaut: The globe as seen from outer space: Ethical Postulates to Policymakers to Respond to the Challenges of Global Environmental Change and Security **(invited on 23 July 2004)**

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