

“Advancing human security through knowledge-based approaches to reducing vulnerability and environmental risks“

UNITED NATIONS UNIVERSITY
Institute for Environment and
Human Security
(UNU-EHS)



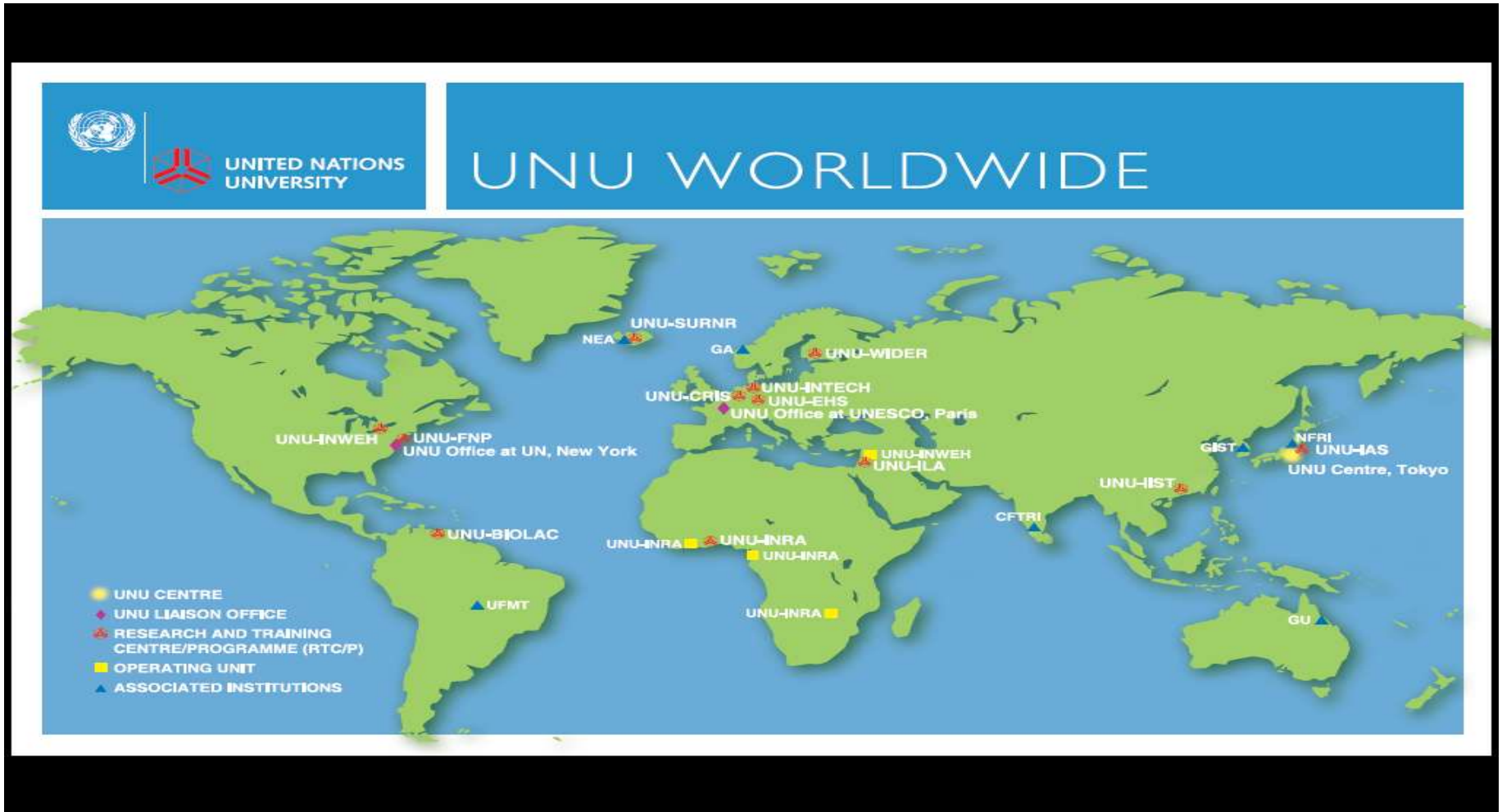
UNITED NATIONS UNIVERSITY

Advancing Knowledge for Human Security and Development

AIMS OF THIS PRESENTATION

- Present UNU in general;
- Explain the different new dimensions of the human security concept;
- Illustrate the *raison d'être* of UNU-EHS, its goals and activities;
- Present UNU-EHS and where it is positioned;
- Present the members of the UNU-EHS team;
- Present the strategic partners and networks of UNU-EHS;
- Explain why UNU-EHS is located in Bonn.

UNU Institutes and Programmes Worldwide



THE UNITED NATIONS UNIVERSITY: A Global Organization

The UNITED NATIONS UNIVERSITY (UNU) was established by the UN General Assembly in 1973.

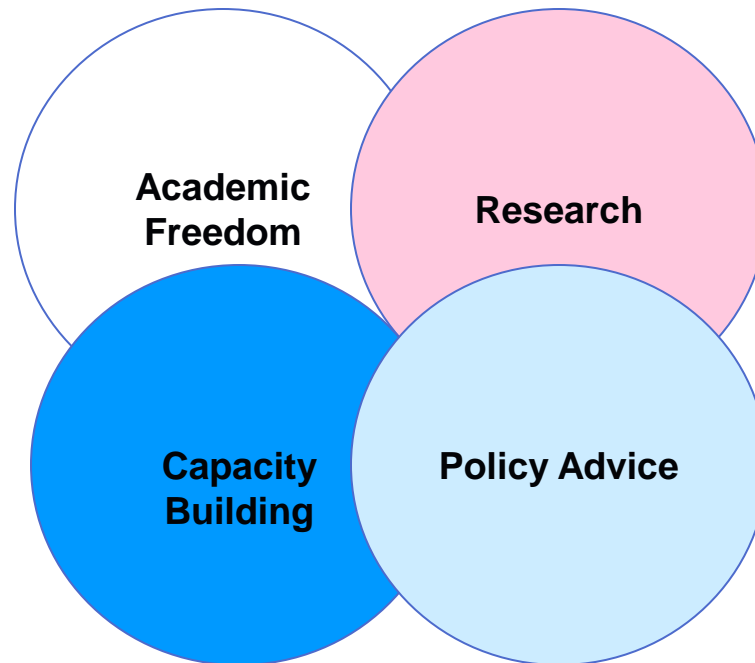
- UNU serves as an international community of scholars;
- Forms a bridge between the UN and the academic world;
- Is a think tank for the UN system;
- Contributes to capacity development, particularly in developing countries;
- Provides a platform for dialogue and ideas;

UNU's new Institute for Environment and Human Security is one of 15 research and training centres and programmes worldwide;

UNU's work is structured in two broad programme areas:

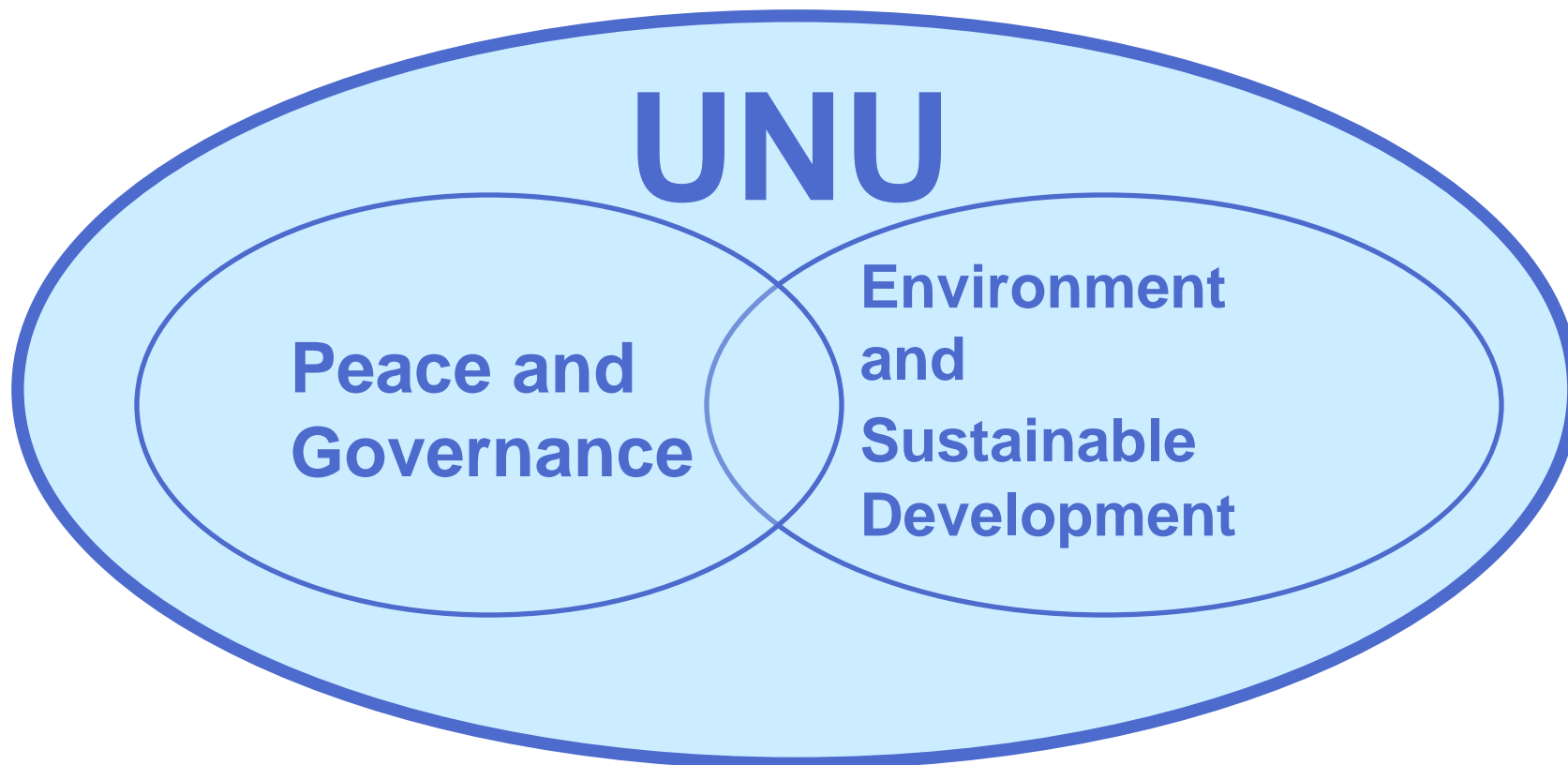
Peace and Governance
Environment and Sustainable Development

WHY IS UNU A UNIVERSITY? THE DISTINCTIVE ACADEMIC FEATURES OF UNU

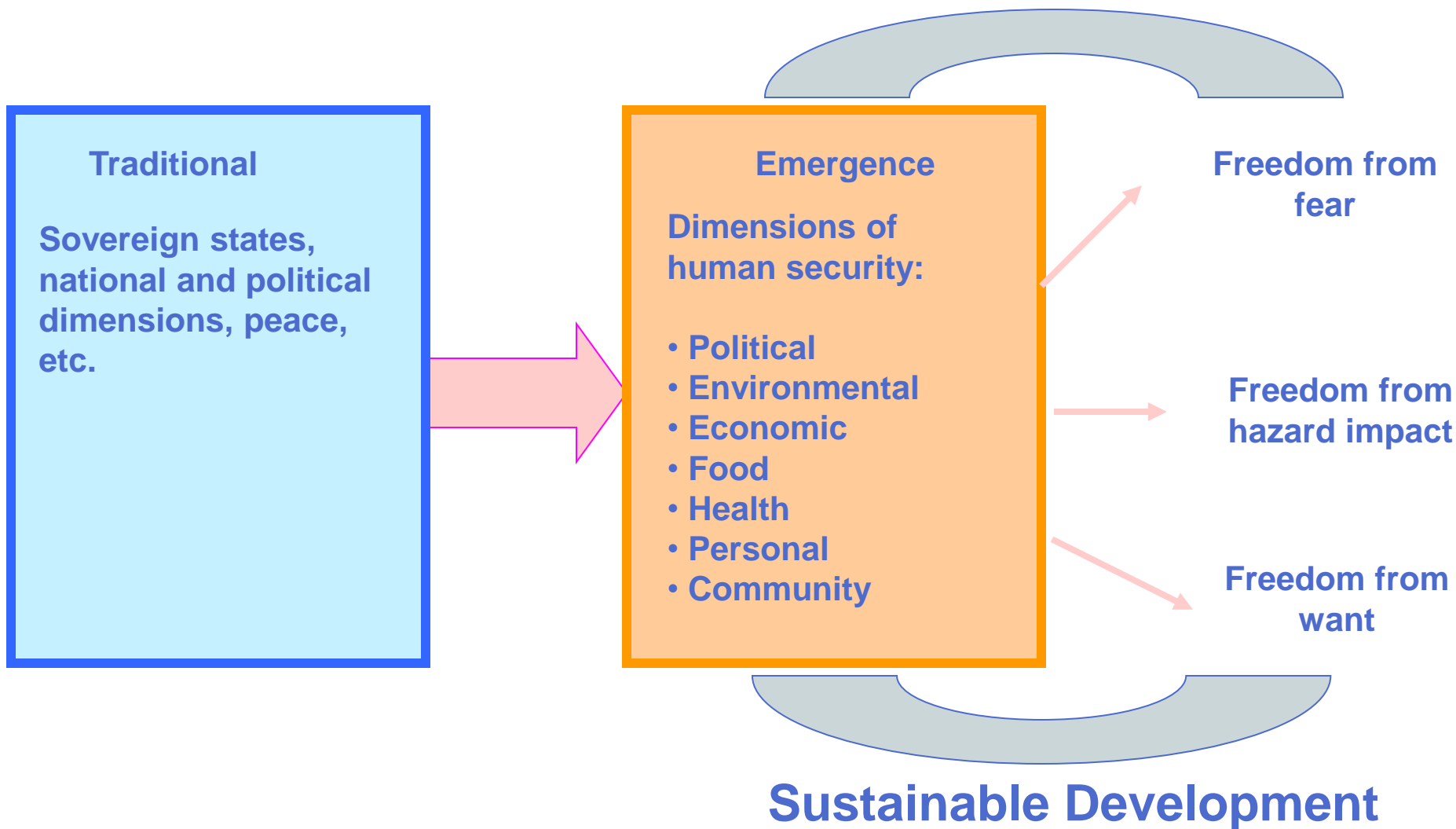


UNU's Main Programme Areas World-wide

UNU-EHS's Specific Programme Areas (Biennium 2004-2005-2006)



What is Human Security?



The Rationale

- The growing frequency and magnitude of extreme environmental events on a global scale.
- The level of risk they pose.
- The vulnerability of societies.

Focus and Priorities in the First and Second Biennia - 2004-2005 and 2006-2007 -

- The Institute's research and training activities in its initial 2004-2005 biennium will focus on flood plains, deltas and coastal zones with emphasis on urban centres. Considering floods as the most crucial, however not exclusive hazard.
- Drought and its impact on rural communities are an added priority in 2006-2007.

The Establishment

- UNU-EHS has been conceived and created to assess the vulnerability and coping capacity of societies facing natural and human-induced hazards in a changing environment.
- Develop and present policy relevant research results to policy and decision makers.
- UNU-EHS is supported by the German Federal Ministry of Education and Research, the Ministry of Innovation, Science, Research and Technology of the State of North Rhine-Westphalia and the Munich Re Foundation.

The Strategic Directions of UNU-EHS

UNU-EHS will explore threats to human security:

- From environmental degradation
- Unsustainable land use practices, and
- From natural and man-made hazards.

The Institute will spearhead UNU's research and capacity building activities in the broad interdisciplinary field of 'risk and vulnerability'.

The scientific concept

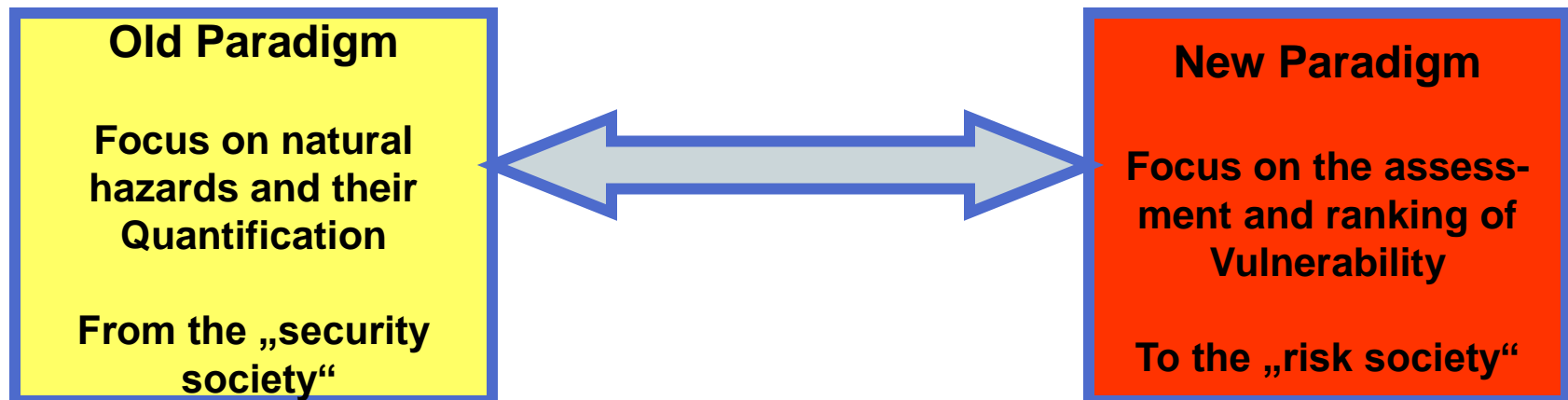
- Foster better understanding of forces and processes of environmental degradations and their influence on hazard magnitude and frequency and subsequent disasters.
- Explore links between different hazard events as well as creeping processes such as climate change, soil erosion and their impact on the inherent risk and vulnerability.
- Contribute to development, testing and verification of vulnerability indicators, and investigate relationships between risks, vulnerability and coping capacity.

Activity Profile

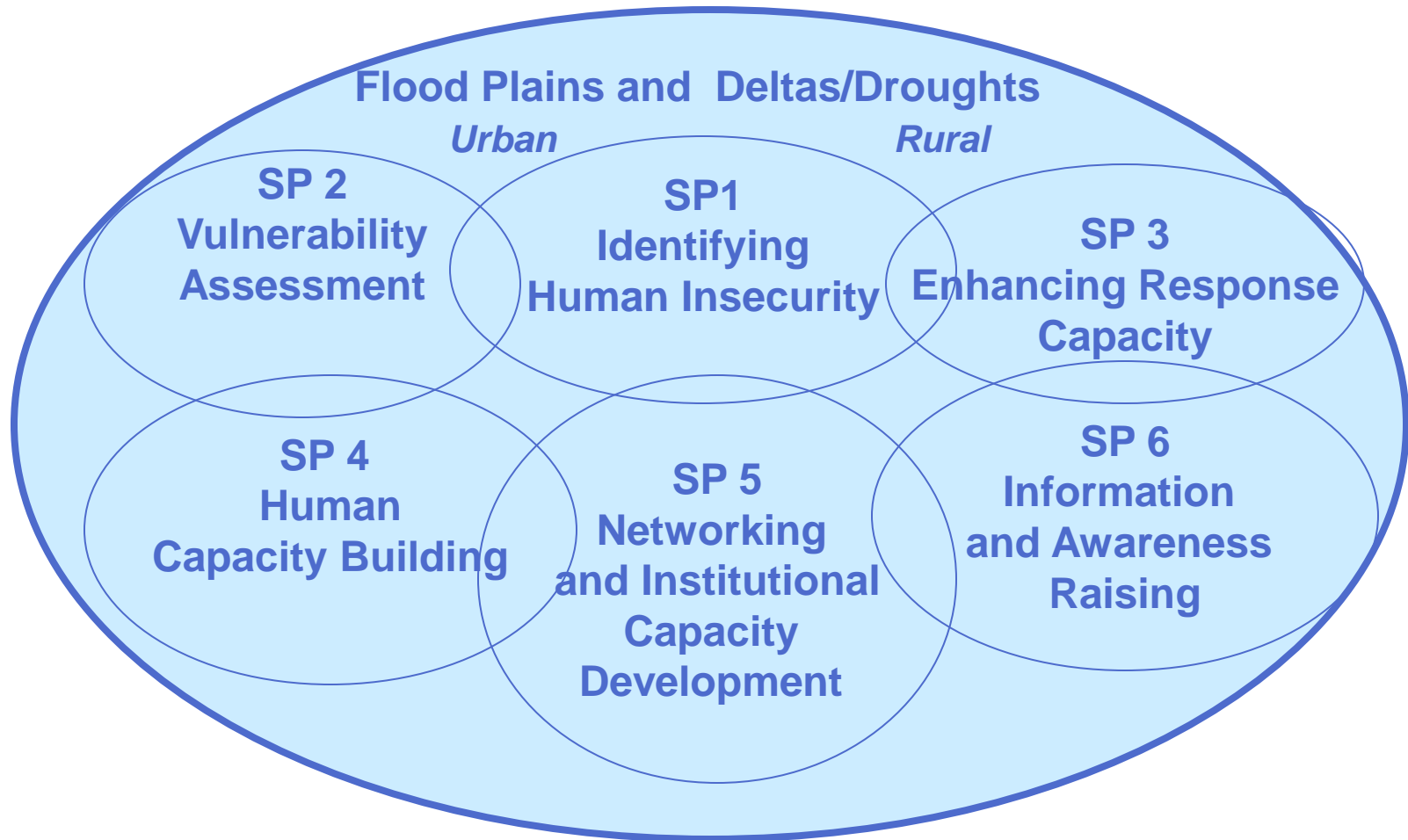
- Generation of policy relevant, practical knowledge;
- Capacity building (education, Training, networking and institutional support) and ;
- Generation and dissemination of knowledge-based information (political and public awareness raising).

A Paradigm Shift?

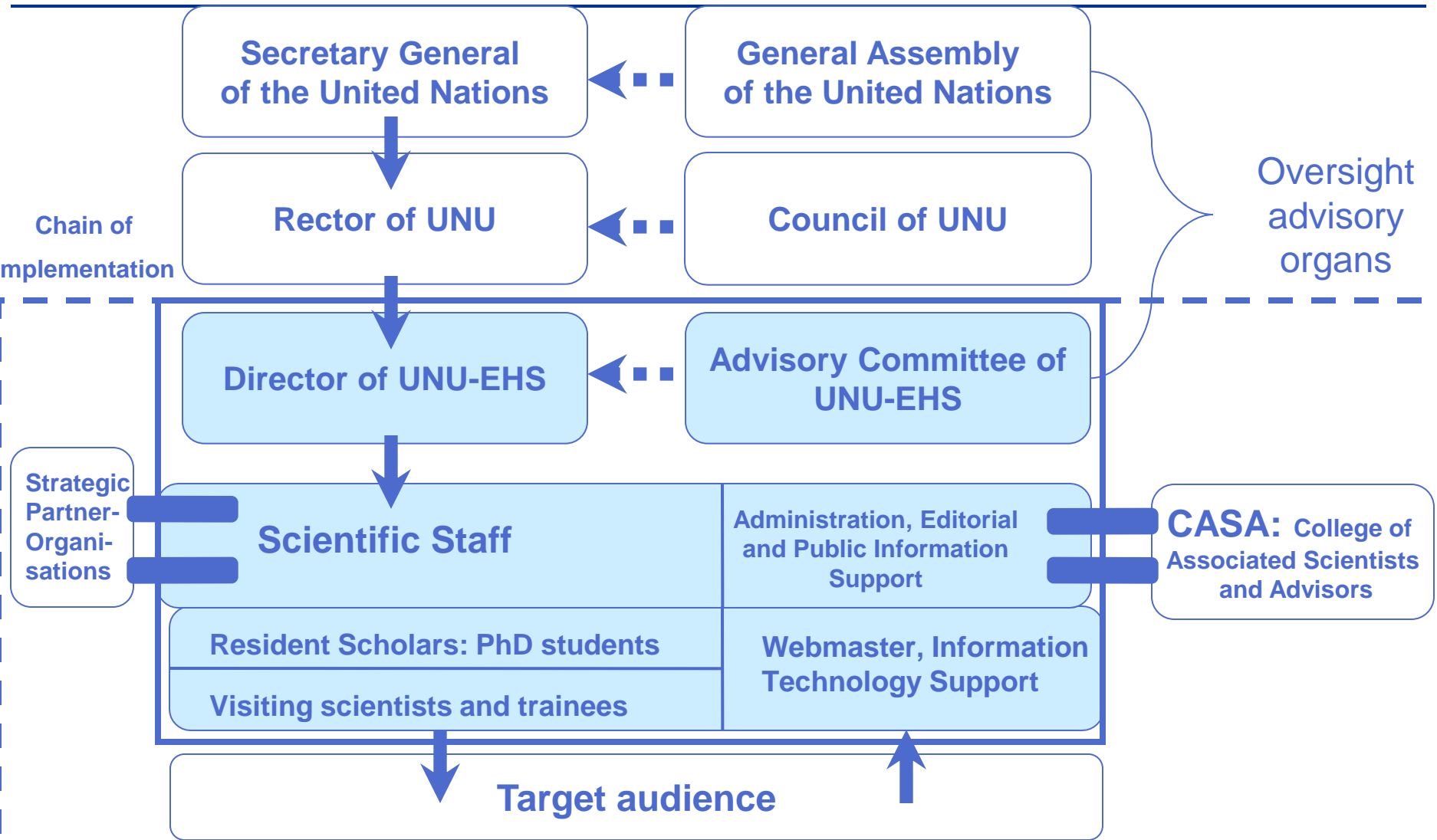
- Ensuring human security requires a paradigm shift in the concept of disaster prevention and preparedness. Instead of starting with a focus on natural hazards and their quantification, the assessment and ranking of the vulnerability of affected groups should serve as the starting point in defining priorities and means of remedial interventions.



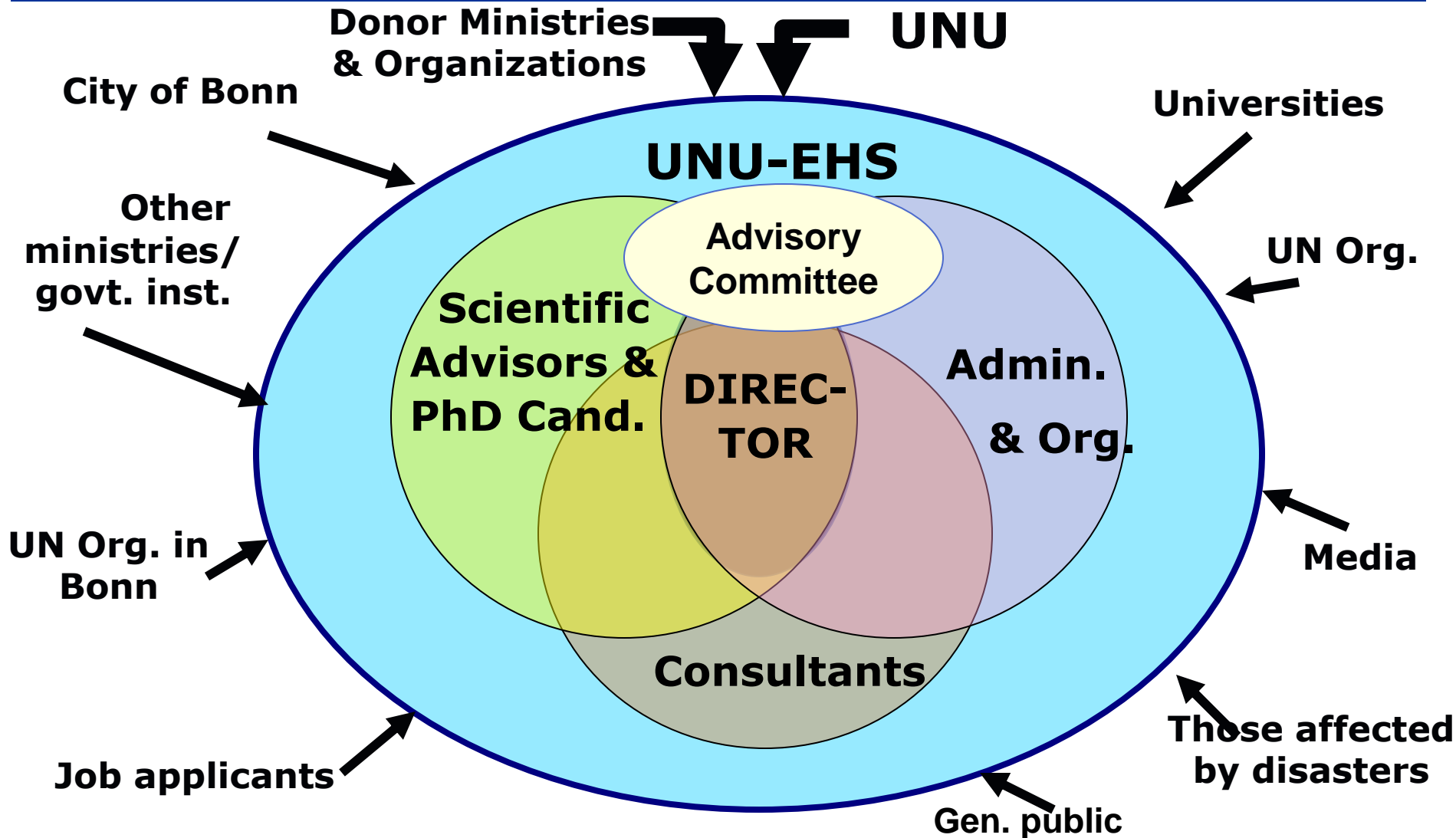
PROGRAMMES AND SUB-PROGRAMMES OF UNU-EHS



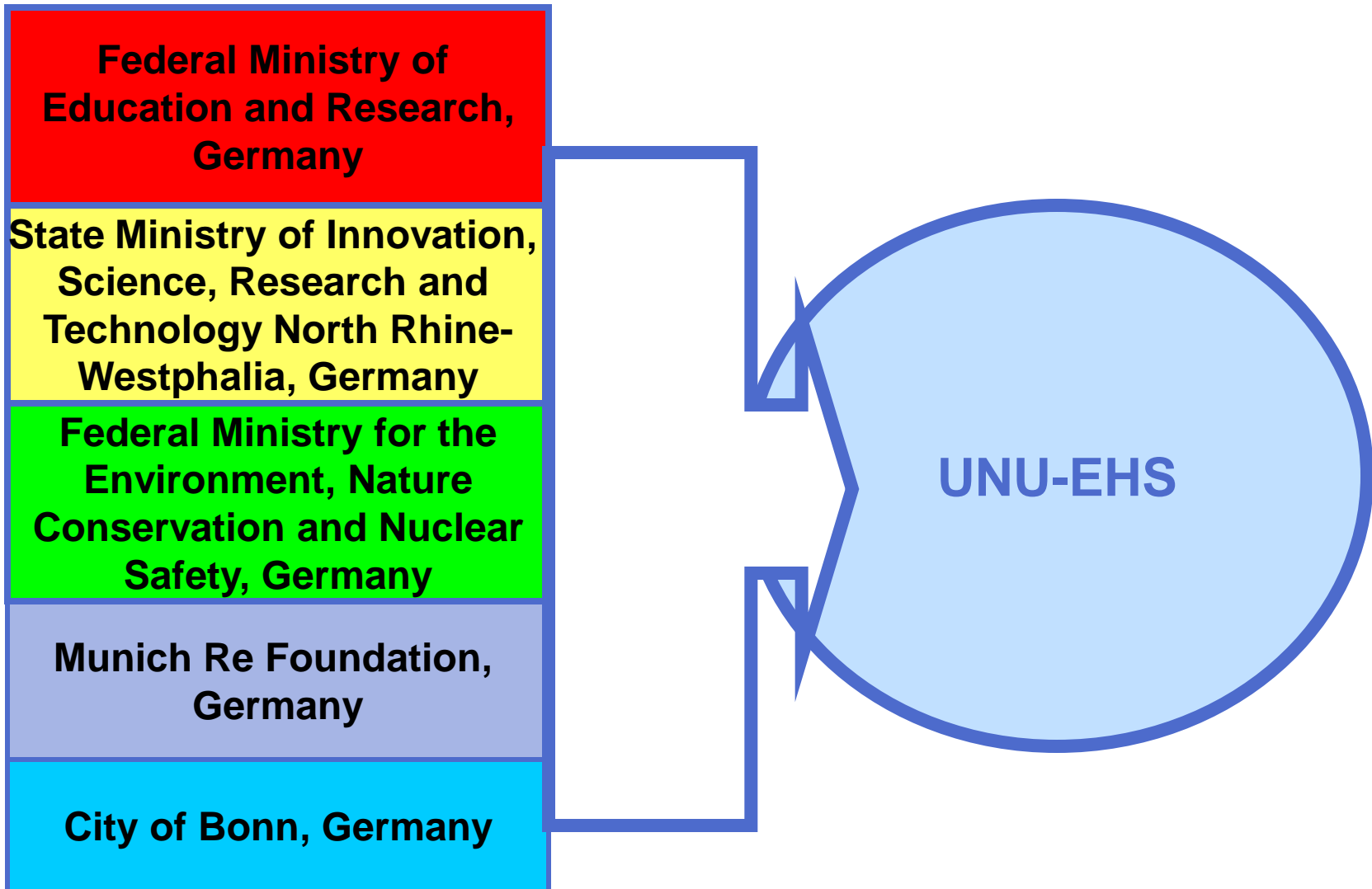
Organizational Chart of UNU-EHS



UNU-EHS - Stakeholders and the Outer Environment



DONORS AND HOST CITY



UNU-EHS – OUR TEAM

Staff:

- **Prof. Dr. Janos J. Bogardi** Director
- **Philip Baumann** Junior IT Consultant
- **Andreas Bochem** IT Assistant
- **Dr. Jörn Birkmann** Academic Officer
- **Oksana Forkutsa** Research Assistant
- **Matthias Garschagen** Scientific Assistant
- **Niklas Gebert** Vulnerability Assessment Assistant
- **Inés Hinsberger** Research Assistant
- **Katja Immik** Team and Travel Assistant
- **Evalyne Katabaro, MA** Team and Project Assistant
- **Vilma Liaukonyte, Eng.** Training Assistant
- **Deborah L. Payne, FCCA** Finance Officer
- **Pit Pruessner** IT Assistant
- **Dr. Fabrice Renaud** Academic Officer
- **Ilona Roberts MA** Information and Media Focal Point
- **Dr. Dusan Sakulski** Academic Officer
- **Dr. Torsten Schlurmann** Academic Officer
- **Carlota Schneider MBA** Organization and Liaison Manager
- **Dr. Katharina Thywissen** Academic Officer
- **Dr. Juan Carlos Villagrán de León** Academic Officer
- **Selma Zimmermann BA** Team Assistant
- **Dr. Koko Warner** Academic Officer (MRF Chair on Social Vulnerability)
- **Jan Wolfertz Dipl.-Math.** Survey Consultant

UNU-EHS – OUR TEAM

PhD Candidates:

- | | |
|-------------------------------------|------------------|
| ■ Marion Damm | Resident Scholar |
| ■ Alexander Fekete | Resident Scholar |
| ■ Marcus Kaplan, MSc | Resident Scholar |
| ■ Adelina M. Mensah MPhil, MSc, BSc | Resident Scholar |
| ■ Xiaomeng Shen BA | Resident Scholar |
| ■ Steffi Uhlemann | PhD Candidate |
| ■ Henrik Zwenzner | PhD Candidate |

The UNU-EHS Consultants

- **PD Dr. Hans Günter Brauch**
- **Prof. Dr. Eric Craswell**
- **Prof. Dr. Gunter Klein**
- **Dr. Andreas Rechkemmer**
- **Prof. Dr. Paul L.G. Vlek**

MUNICH RE FOUNDATION (MRF) CHAIR ON SOCIAL VULNERABILITY

- **Prof. Dr. Hans-Georg Bohle**
- **Prof. Dr. Thomas E. Downing**
- **Prof. Dr. Anthony Oliver-Smith**
- **Prof. Dr. Úrsula Oswald Spring**
- **Academic Officer: Dr. Koko Warner**

UNU-EHS Advisory Committee Members

- Dr. Reza Ardakanian, Deputy Minister for Water Affairs, Iran
- Prof. Dr. Kwadwo Asenso-Okyere, Vice Chancellor, Ghana
- Wolf-Michael Catenhusen, Staatssekretär, Germany
- Prof. Dr. Roland Fuchs, Director START, USA
- Prof. Dr. Yolanda Kakabadse Navarro, Presidente Ejecutiva, Ecuador
- Prof. Dr.-Ing. Emeritus Erich Plate, Germany

COLLEGE OF ASSOCIATED SCIENTISTS AND ADVISORS (CASA) FELLOWS

- **PD Dr. Hans Günter Brauch**
- **Prof. Dr. Benjamin Wisner**

STRATEGIC PARTNERS / COLLABORATIVE VENTURES (1)

- Bonn International Centre for Conversion (BICC), Bonn, Germany
- Centre for Development Research (ZEF) – University of Bonn, Germany
- Deutsches Zentrum fuer Luft und Raumfahrt (DLR) – German Aerospace Centre, Oberpfaffenhofen, Germany
- European Union (EU)
- EU, European Commission, Institute for the Protection and Security of the Citizen, Directorate General, Joint Research Centre (JRC), Italy
- Federal Foreign Office; Berlin, Germany
- Federal Ministry for Economic Cooperation and Development, Bonn, Germany
- Federal Office of Civil Protection and Disaster Assistance, Bonn, Germany
- GeoForschungsZentrum Potsdam (GFZ), Germany
- German Committee for Disaster Reduction (DKKV), Bonn, Germany
- German Weather Service (DWD), Offenbach, Germany
- Global Fire Monitoring Centre (GMFC), Fribourg, Germany
- Global Water System Project (GWSP), Bonn, Germany
- Helmholtz Society, Potsdam, Germany
- Hungarian Academy of Sciences, Research Institute for Soil Science and Agricultural Chemistry of Sciences (MTA TAKI), Budapest, Hungary
- Institute for Catastrophic Loss Reduction (ICLR), London/Ontario, Canada

Strategic Partners / Collaborative Ventures (2)

- Eastern University, Ventharamoolai, Chenkalady, Sri Lanka
- Global Fire Monitoring Center (GFMC) / Max-Planck-Institute, Freiburg/Mainz, Germany
- Hungarian Academy of Sciences, Budapest, Hungary
- International Human Dimensions Programme of Global Environmental Change (IHDP) – University of Bonn, Germany
- International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria
- International Ocean Institute (IOI), Gzira, Malta
- National Disaster Management Institutions, Pretoria, South Africa
- Nizhny Novgorod State University for Civil Engineering and Architecture, Russia
- Réseau Méditerranéen de l'Eau, Nice, France
- RUPPRECHT CONSULT Forschung und Beratung GmbH, Cologne, Germany/CABRI Project
- Stockholm Environment Institute (SEI), Oxford, England, United Kingdom

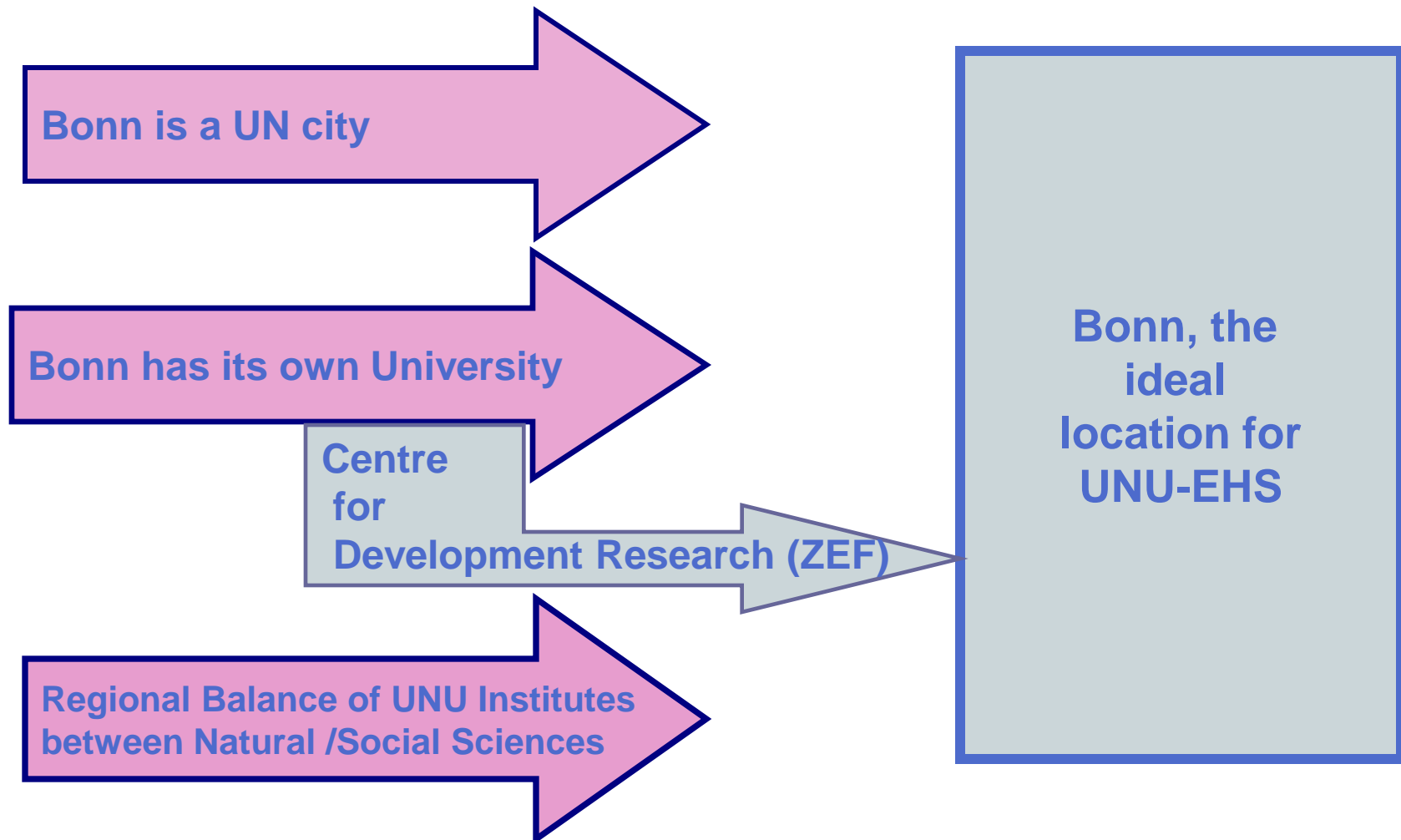
Strategic Partners / Collaborative Ventures (3)

- **System for Analysis, Research, and Training (START), Washington D.C., USA**
- **University of Bonn, Germany**
- **University of Belgrade, Serbia and Montenegro**
- **University of Coventry, England, United Kingdom**
- **University of Florida, United States of America**
- **University of Novi Sad, Serbia and Montenegro**
- **University of Colombo, Colombo, Sri Lanka**
- **University of Ruhuna, Matara, Sri Lanka**
- **University of York, England, United Kingdom**

CO-OPERATION / PARTNERSHIPS WITH UN ORGANIZATIONS

- **UNU sister institutes and programmes**
- **United Nations University Zero Emissions Forum (UNU/ZEF)**
- **UNESCO**
- **UNESCO / HELP**
- **UNESCO / IHE**
- **UN/ISDR (PREW)**
- **UNDP**
- **UN WATER**
- **WHO**
- **WMO**
- **... more**

Why has UNU-EHS been established in Bonn?



For further information please contact:

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