

in Germany Critical Infrastructures and Strategic Planning

- as a network -

Prof. Dr.-Ing. Jörn Birkmann Director IREUS

Mission Statement IREUS - Focus

- IREUS is an interdisciplinary research, graduate and undergraduate training center that focuses on the understanding on how spatial and socio-economic development patterns influence disaster risk and risk accumulation.
- In addition, the institute conducts research on integrated assessment approaches regarding vulnerability, risk and climate change adaptation with a special emphasis on infrastructure and urban development.

Institute of Regional Development Planning Faculty of Civil and Environmental Engineering Universität Stuttgart

Institut Staff Academics Research Internationales Examination board

IREUS

 International research projects e.g. funded by the EC, Belmont, BMBF, ... - on urbanization of coastal zones (TRUC); Critical Infrastructures (INTACT), Extreme Events (PEARL)

- Courses / teaching also in English, e.g. "Master of Infrastructure Planning"
- Member in expert groups of UNESCO, IPCC, ARL,...



Core Network Partners – Associated Partners







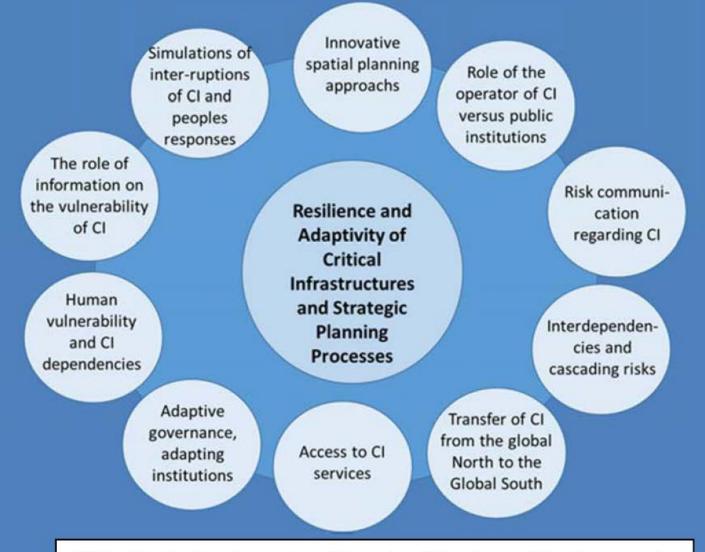




- Annegret Thieken /Prof. Hazard and Vulnerability/ Flood Expert
- Prof. Ortwin Renn / Risk Governance Expert /Sociology
- Prof. Jakob Rhyner / UNU-Vice Rector, Director EHS
- Prof. Friedemann Wenzel /Earthquake and Urban Expert
- PD Kunz Plapp / CEDIM Coordinator / KIT

ongoing discussion and coordination since 2 years

ICoE in Germany on Critical Infrastructures



Critical Infrastructures in a Changing Climate and Environment

Consultations and Presentations

- Various consultations within the core group
- Presentation of the approach at the last DKKV meeting
 - national committee of IRDR in Germany
- Discussion with Rüdiger Klein on how one could approach strategically German Funding institutions for IRDR and an ICoE
- Presentation of the concept to a DFG committee

Future Activities

- Establishment of an advisory committee
- Expert Meeting on "Integrated Research for Enhancing the Resilience of Critical Infrastructures through Strategic Assessments and Innovative Planning Approaches"
- Provision of office space and personnel at the IREUS institute (secretariat/Director)
- Establishment of an ICoE workshop series on the topic of CI and strategic planning

Medium term Goals and Activities 2016-2020

- Establishment of a joint publication series (working paper with IRDR ICoE Logo)
- Securing funding for joint research activities in Germany and (selected) countries in transition as well as developing countries.
- Integration of private companies interested to participate in research on risk and resilience of CI, particularly operators of CI.

Medium Term Goals and Activities 2016 - 2020

 Development of a stronger profile of integrated research on disaster risk and resilience of Critical Infrastructures among the partners and within the respective universities

 Courses on CI-resilience, for example in the international master program MIP and in conjunction with the graduate college: Natural hazard and environmental protection at University of Stuttgart (Birkmann/Renn), plus others

Thank you