



Institute of Spatial and  
Regional Planning  
University of Stuttgart

# ICoE in Germany Critical Infrastructures and Strategic Planning

- as a network -

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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**.

[www.uni-stuttgart.de/ireus](http://www.uni-stuttgart.de/ireus)

Institute of Regional Development Planning

Faculty of Civil and Environmental Engineering



Universität Stuttgart

# 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