

Activities of the ICoE - Network on

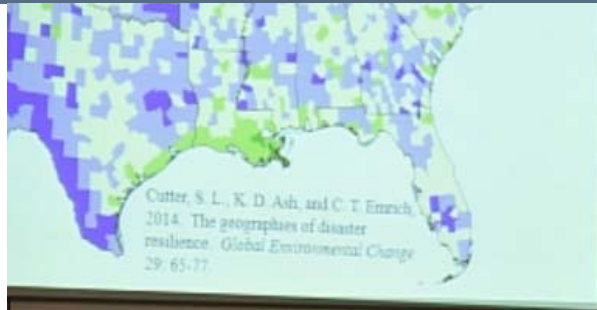
Critical Infrastructures and Strategic Planning

Prof. Dr.-Ing. Jörn Birkmann
Director IREUS

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
- Head /Director of the ICoE Prof. Joern Birkmann / Univ. Stuttgart

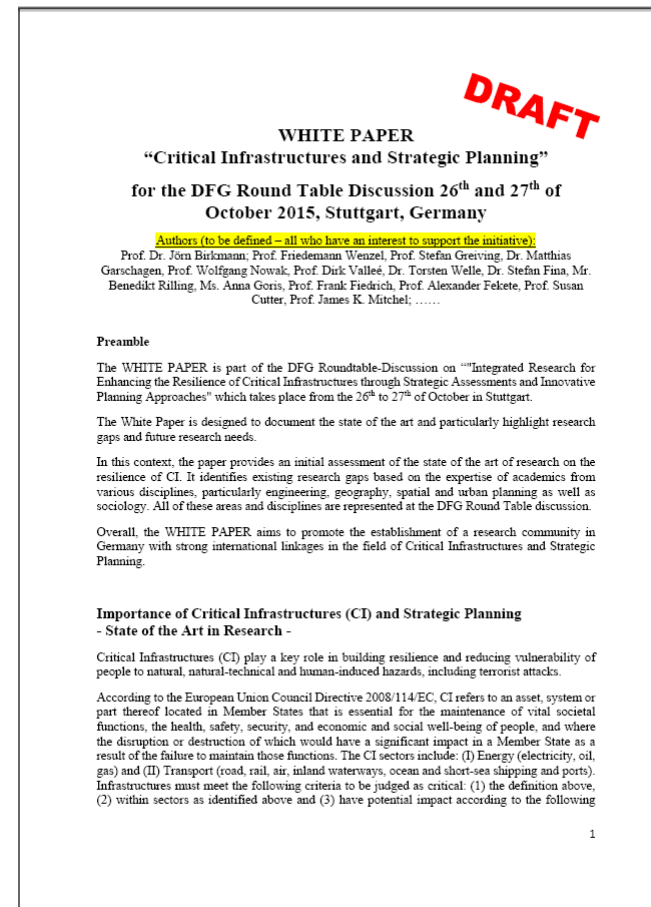


- Identification of emerging research topics
- Scope for interdisciplinary cooperation
- Formation of a research network on CI and SP



- Follow up activities regarding the „DFG Round Table Workshop“ on Critical Infrastructures and Strategic Planning
- Submission of a proposal for a post-doc position at IREUS for strengthening integrated research between civil engineering and urban planning - CI and strategic planning
- Presentation of the ICoE and respective research in selected expert and high level meetings
- Development of teaching material for international Master Courses in Stuttgart (MIP, MPP).

- Paper that summarizes the state of the art and outlines new research needs
- SI in the *Journal of Extreme Events* (JOEE)
- Further discussion with the BMBF and DFG for follow up funding for specific activities



Science needs in implementing the SDGs

- Future Earth (e.g. Shrivastava, Paul), international experts and selected founding agencies.
- Discussion: challenges to monitor the SDG implementation
- SDG 9 and 11



- Fast Track Research initiatives under Future Earth
- Extreme Events – challenges for the co-production of knowledge
- Challenges in dealing with ubiquitous extreme events (non-spatially fixed) in urban planning



*Extreme events and societal transformation
processes: new challenges for risk
management and strategic planning*

Institut für Raumordnung und Entwicklungsplanung Universität Stuttgart

Prof. Dr.-Ing. habil. Jörn BIRKMANN

Scientific Dinner Speech at the Extreme Events and
Environments: from Climate to Society
cross community workshop, Berlin, 15th February 2016

- Presentation of the WorldRiskIndex 2015 in New York with HE. Ambassador Braun and Ambassador Momen and other experts (e.g. Jo Scheuer/ UNDP)
- This year report will focus on Critical Infrastructures and Logistics



Source: <http://www.uni-stuttgart.de/ireus/institut/index.en.html>

Future activities and future needs

- Establishment of an advisory committee (still in progress)
 - but is that useful?
- Publication series / working papers
 - what can we expect from IRDR /IPO?
- Strategic proposal development with other ICoEs
 - what can we do to enhance bilateral cooperation's and exchanges (e.g. scholarship programmes.....)
- Meeting with funding agencies (DFG, BMBF)

Thank you