

INTEGRATED DISASTER RISK MANAGEMENT (IDRM) AND INCREASING THE RESILIENCE OF THE POPULATION IN IRAN AND GERMANY IN TIMES OF COVID-19 AND CLIMATE CHANGE

Joint project INCREASE: Inclusive and Integrated Multi-Hazard Risk Management and Engagement of Volunteers to INCREASE Societal Resilience in Times of Changing Climate

Why this project?

Iran and Germany face a variety of geophysical, hydrological, and climatic hazards that encounter heterogeneous physical and social vulnerabilities. The COVID-19 pandemic also poses significant challenges to the public health systems of both countries. Moreover, traditional Disaster Risk Management are under pressure to adapt due to dynamic societal developments. The INCREASE project investigates sustainable and systemic responses to improve the complex aid systems of both countries that have evolved historically and culturally.

Methods

The transdisciplinary project promotes the exchange of science, technology, and practice in collaborations between Iran and Germany. DRU coordinates the overall network and develops the research and framework concepts for integrated and systemic Disaster Risk Management. The subproject of the DRU analyzes capacities, needs, and vulnerabilities of populations and institutions on the basis of document analysis, interviews, and participatory workshops with stakeholders of various professional and social groups.

Innovation

The research project develops a context-sensitive approach to Integrative Disaster Risk Management (IDRM), creates a resilience wiki, improves strategic and sustainable planning, and promotes learning processes in Disaster Risk Management from the local to the transnational level.



Hazard prevention training © Dr. Bettina Wenzel

Term: 02/2021 – 01/2025

Region: Iran, Germany, global

Partners in Germany:

- TH Köln/Institute of Rescue Engineering and Civil Protection
- Universität Bonn/Institute of Geodesy and Geoinformation
- Karlsruhe Institute for Technology
- Federal Agency for Technical Relief (THW)
- Universität Würzburg/Institute of Geography and Geology
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- Leibniz Institute of Ecological Urban and Regional Development
- German Committee for Disaster Reduction
- Associated: German Red Cross

Partners in Iran:

- Emergency and Disaster Health Research Center/University of Social Welfare and Rehabilitation Sciences
- International Institute of Earthquake Engineering and Seismology
- Department of Health in Disasters and Emergencies/Tehran University of Medical Sciences
- Tehran Disaster Mitigation and Management Organization
- Iranian Red Crescent Society
- Tehran Fire Department
- Tehran Urban Research and Planning Center
- University of Tehran, College of Fine Arts
- Karaj City
- Iran Grid Management Company



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