

**RIMMA2020 – 6th Interdisciplinary Conference on
RISK Information Management, Risk Models and Applications
Berlin, Germany, August 26-27, 2020** *postponed from May 2020*

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2020-03-18

Program

Wednesday, August 26, 2020

**from 8:15 Registration of Participants
Lobby**

**Session 1
9:00 – 11:00
Conference Hall “Zehlendorf”**

Horst Kremers, Frank Fuchs-Kittowski, Alberto Susini

Welcome and Introduction to the 6th Risk Information Management, Risk Models and Applications Conference

**Evgenii Viazilov, Denis Melnikov and
Alexander Mikheev**

All-Russian Research
Institute for
Hydrometeorological
Information-World Data
Centre (RIHMI-WDC)

Moscow

Russia

Awareness Raising and Mitigation by Automating the Delivery of Information on Potential Impacts and Recommendations for Decision Making

Decision Support System, Disasters, Impacts, Hydrometeorological support

William Robberson

Ocean Recovery Alliance

San
Francisco

U.S.A.

Digital Situational Awareness and Risk Management with Global Alert

Digital Situational Awareness, Common Operational Picture, Incident Command System, Unified Command System, Disaster Management, Risk Management, Risk Mitigation, Risk Communication, Risk Response Decision Making

Peter Baumann

Jacobs University

Bremen

Germany

Unleashing Spatio-Temporal Big Data for Time-Critical Risk Management

Risk Data Services, Rasdaman, Standards, OGC, ISO, INSPIRE, WCS

**Tim Fist, Florian U. Jehn, Aron Mill
and David Denkenberger**

Alliance to Feed the Earth
in Disasters (ALLFED)

The Impact of a Nuclear Winter on Global Infrastructure

Nuclear Winter, Infrastructure Loss, Existential Risk, Frozen Soil

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Coffee Break
11:00 – 11:30
Lobby

Session 2
11:30 – 13:00
Conference Hall “Zehlendorf”

Alberto Susini Versoix Switzerland
Technocritical Review of the Smart-City From Energetical Perspective
Smart-City, Energy, Technocritical Analysis, Risk

Ayush Sinha, Aamod Vyas, Manish Kumar, O. P. Vyas and Pankaj Pandey University of Mannheim / Indian Institute of Information technology Germany / India
The Rise of CPDF: Cyber Physical Defense Framework for Smart Grid
Cyber-Physical Security, Smart Grid, NIST, Attack Vector, Risk Assessment

Horst Kremers CODATA-Germany Berlin Germany
Disaster Risk Reduction Information Management Strategy

Lunch Break
13:00 – 14:30

Program

Session 3

14:30 – 16:00

Conference Hall “Zehlendorf”

**Letizia Rossano, Amin Shamseddini,
Sahar Safaei, Ava Bahrami and
Robert Soden**

Asian and Pacific Centre
for the Development of
Disaster Information
Management APDIM

Switzerland
/ Iran

Baseline Assessment and Scoping for Disaster Information Management
in Asia and the Pacific

Disaster Information Management, Asia And the Pacific, Data Platform, Database

Massimo Migliorini

LINKS Foundation

Torino

Italy

The Role of E-STAG to Support Sendai Framework Implementation

*Disaster Risk Reduction, Data, Risk-Informed Decisions, Hazards, Evidence-Based
Policies, Risk Awareness*

Reimund Schwarze

UFZ Environment
Research Centre

Leipzig

Germany

New Global DRR Research Agenda

*SFDRR Implementation, Science-Policy Interface, Policy Coherence, Risk-Informed
Development, Factors of Climate Change and Extremes*

Horst Kremers

Governance of RISK Information

Introduction to the Roundtable Discussion

Coffee Break

16:00 – 16:30

Lobby

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Session 4
16:30 – 18:30

panel and auditorium

Conference Hall “Zehlendorf”

Roundtable on Governance of RISK Information

Future R&D Programs Needed, Regulatory, Legal, Risk, Environmental and Operational Requirements, Innovation for Complex Operational Coherence of Cross-Organizational Information Interoperability, Challenges In Adequate Methods and Techniques, FAIR Information, Management Principles of “Critical Thinking”, Extensive Documentation and Reporting, Transparent Analysis, Testbeds, the Role of National Platforms / Focal Points for Implementation of UN Conventions and Other UN Instruments. etc.

From 19:30

Boat Cruise on the Spree River, Evening Meeting Downtown Berlin

Program

Thursday, August 27, 2020

Session 5
09:00 – 10:30
Conference Hall “Zehlendorf”

**Anastasia Kvasha and
Viktor Lagutov**

Central European
University

Budapest Hungary

International Charter “Space and Major Disasters”: Network Analysis of
Activations

*International Disaster Charter, Emergency Mapping Mechanisms, Satellite Data, Disaster
Information, Rapid Response, Network Analysis*

**Tim Fist, Florian U. Jehn, Allen B.
Hundley, Aron Mill, Joshua M. Pearce
and David Denkenberger**

Alliance to Feed the Earth
in Disasters (ALLFED)

A Backup Communication System for Global Catastrophic Events

*Solar Storms, High-Altitude Electromagnetic Pulses, Communication Systems, Existential
Risk, Blackout*

Jibo Xie and Tengfei Yang

Aerospace Information
Research Institute, CAS

Beijing P. Rep.
China

Utilizing Social Sensing Big Data to Assist Rapid Disaster Information
Acquisition and Analysis

*Hazard, Social Sensing, Disaster Response, Natural Language Processing, Deep
Learning*

Coffee Break
10:30 – 12:00
Lobby

Program

Session 6
12:00 – 13:15
Conference Hall “Zehlendorf”

**Rodrigo Rudge Ramos Ribeiro,
Miguel Ángel Trejo-Rangel and
Samia Nascimento Sulaiman**

Getulio Vargas
Foundation (FGV)

Rio de
Janeiro

Brazil

Fire Hazard Forecast by the Regional Climate Change Projection Using
the Eta Model: A Case Study in Bahia, Brazil

Climate Change, Hazard, Fire Occurrence, Forecast Modeling

**Angela Santos, Nuno Sousa,
Horst Kremers and Jose Luis Bucho**

Centre for Geographical
Studies, Institute of
Geography and Spatial
Planning, Universidade de
Lisboa

Lisbon

Portugal

Building Resilient Urban Communities – Setúbal City Ongoing Road

Prevention, Mitigation of Risks, Resilient Communities

Maria Angela Torres - Kremers

YARUMO Internacional

Berlin /
Bogotá

Germany /
Colombia

Risk and the Access to Environmental Information

*Disaster and Environmental Information, Observatories, Watches, Social Media, Open
Access, Disaster Communication*

Program

Session 7

12:00 – 13:15

Conference Hall “Steglitz”

Alberto Susini

Versoix

Switzerland

Methodological Aspects for Cartographic Industrial Individuals Risk Analysis

Individual Risk Calculations, Risk Register, Cartography, Industrial Risks

Mariami Gagoshashvili

Ivane Javakhishvili Tbilisi
State University

Tbilisi

Georgia

Estimated Mapping of Risk Factors of Tbilisi City Land Fund for Land Use

Risk Factors, Land Use, Thematic Maps

**Tengiz Gordeziani, Tedo Gorgodze,
Manana Sharashenidze, Mariam
Gagoshashvili and Giga
Kochlamazashvili**

Ivane Javakhishvili Tbilisi
State University

Tbilisi

Georgia

Geographic Analysis and Cartographic Modeling of Risk Factors Affecting the Georgian Landscape Diversity

Landscape Diversity, Risks, Daily State of the Natural-Territorial Complexes - Stacks, Landscape and Ethological Situation

**Revaz Tolordava, Dali Nikolaishvili,
Manana Kvenetadze and Nino
Kharebava Kharebava**

Ivane Javakhishvili Tbilisi
State University

Tbilisi

Georgia

Physical-Geographical and Socio-Economic Risks Analysis of Tinovroso-Alazani Section of the State Border of Georgia

State Border, Risks Existing in the Borderline, Cartometric Analysis

13:15 – 14:30

Lunch Break

Program

Session 8

14:30 – 15:45

Conference Hall “Steglitz”

**Manana Sharashenidze, Tedo
Gorgodze and David Shavlakadze**

Ivane Javakhishvili Tbilisi Tbilisi Georgia
State University

Assessment Mapping of Risk Factors for the Distribution of Major Grape
Varieties (Exemplified by Kakheti Region)

Grape Growing Zone, Risk Factors, Meteorological Parameters, Assessment Mapping

Zurabi Rikadze

Ivane Javakhishvili Tbilisi Tbilisi Georgia
State University

Assessment of Geological Hazards (Landslide, Rockfall, Mudflow) on the
Territory of Georgia on the Example of Dusheti Municipality

Geological Hazards, Risk Management, Geological Processes Identify

**Robert Maghlakelidze and Giorgi
Maghlakelidze**

Ivane Javakhishvili Tbilisi Tbilisi Georgia
State University

Influence of the Risk Factors on the Formation of Cultural Natural-
Territorial Complexes (in the Case of Foothills' Landscapes of the
Saguramo-Ialon Range)

*Cultural Landscape, Cultural Natural-Territorial Complexes, Identification of Risk Factors,
Role of Risk Factors*

Program

Session 9

14:30 – 16:00

Conference Hall “Zehlendorf”

**Luís Perdiz, Alexandre Oliveira
Tavares, José Leandro Barros and
Paula Freire**

Center for Social Studies, Coimbra Portugal
University of Coimbra

The Evolution of Coastal Flooding Occurrences in the Central Region of Portugal During the Last Four Decades (1980-2018): An Analysis of the Coastal Defense Measures and Their Impact.

Coastal Areas, Flooding Occurrences, Impacts, Portuguese Management Plans

**Goga Chakhaia, Levan Tsulukidze,
Sopio Gogilava, Zurab Laoshvili and
Gocha Gudzuadze**

Ivane Javakhishvili Tbilisi Tbilisi Georgia
State University

Assessment of New Anti Debris Flow Constructions Efficiency

Debris Flow, Disaster Reduction, Construction, Theoretical Calculation

**Winhard Tampubolon and Wolfgang
Reinhardt**

UniBw München Munich Germany

Investigations on the Improvement of the Availability of Geo Data for Disaster Management in Indonesia

Geo Data Acquisition, VHRS, Tandem-X, UAV, Accuracy Assessment

Horst Kremers

Risk Information Management and the UN SENDAI Framework

RIMMA Conference Summary and Perspectives, Recommendations

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Posters

**Lars Abrahamczyk, Fulvio Rinaudo,
Davorin Penava, Saidislomkhon
Usmanov, Gulnora Anvarova and
Muhsin Hidirov**

Bauhaus-Universität
Weimar, Chair of
Advanced Structures

Weimar

Germany

Environmental Risk Assessment and Mitigation on Cultural Heritage
Assets in Central Asia

Cultural Heritage, Central Asia, Capacity Building

and other posters t.b.a.

Because of shifting the event from May to August we
have the possibility to consider
additional submissions.

Program may be subject to change without notice
