

Program

Monday, November 17, 2014

**Rapporteur:
Alberto Susini**

from 8:30

registration of participants

Session 1

9:30 – 11:15

Horst Kremers, Alberto Susini, Manfred Buchroithner

Welcome and Introduction to the CODATA Risk Information Management,
Risk Models and Applications Workshop

Heidi Kreibich

German Research Centre Potsdam Germany
for Geosciences GFZ

Costing Natural Hazards

invited Keynote

**Alexandra Bowkun
and Viktor Putrenko**

WDC NTUU "KPI" Kiew Ukraine

Spatial Modeling of the Risks of Accidents in the Power System of Ukraine

**Emil Bayramov
and Manfred Buchroithner**

Technical University Dresden Germany

Quantitative Prediction of Soil Erosion Risks Along Oil and Gas Pipelines
Using USLE and MMF Models

MMF, USLE, BTC, SCP, Soil loss, GIS, Erosion

Washington Okori

Uganda Technology and Uganda
Management University

Integrated Risk Components in Data Modeling for Risk Databases

Data Model, Disaster, Integration, Risk Database, Risk Model

Lunch Break

11:30 – 13:00

Program

Session 2

13:00 – 14:30

Alberto Susini

Geneva

Switzerland

Risk Analysis Framework and Modelling Issues of Accidental Drones
Aircrash

**Hektor Babayan and
Armen Chilingaryan**

Institute of Geological
Sciences

Yerevan

Armenia

Deterministic Risk Assessment (city scenario) for Armenian cities
Earthquake, hazard, risk

**Axel Sauer
and Robert Hecht**

Leibniz-Institute of
Ecological Urban and
Regional Development

Dresden

Germany

Mapping Heat Risks: Using Small-Scale Settlement Structure Information
for a Heat-Related Health Risks Assessment

*Buildings, Geographical Information Systems (GIS), Health Risk Assessment, PET,
Population Density, RayMan, Settlement Structure Analysis, Thermal Stress*

**Angela Santos, Susana Mendes,
Antonio Emidio and Joao Corte-Real**

Centre for Geographical
Studies

Portugal

Impacts of Storm Hercules in Southwestern Europe

Hercules storm, Long waves disturbances, Meteotsunami, Preparedness

14:30 – 15:15

Coffee Break

Program

Session 3

15:15 – 17:00

Marco Neubert

Leibniz Institute of
Ecological Urban and
Regional Development

Dresden

Germany

High Resolution Modelling of Damage to Buildings caused by Urban
Sewer Floods during a Heavy Rain Event using IVART

Spatial analysis, GIS, flooding, heavy rain, building damage

**Maria Nawieśniak, Mateusz
Strutyński and Józef Hernik**

Uniwersytet Rolniczy w
Krakowie

Cracow

Poland

Flood Risks Managment in the Area of Upper Vistula Catchment (Poland)

flood risk, flood protection, analyzes flood

Kristin Vogel, Frank Scherbaum

University of Potsdam

Potsdam

Germany

Using Bayesian Networks for Uncertainty Communication in Natural
Hazard and Risk Assessments

natural hazards, Bayesian networks, uncertainty, flood situations

Juergen Rusch

DHI-WASY GmbH

Berlin

Germany

Disaster Risk Mitigation - Impact of Climate Scenarios for Urban Waste
Water

Meeting Downtown Berlin from 19:30

Program

Tuesday, November 18, 2014

Session 4
08:30 – 9:00

Victoria Bakhtina

IFC, World Bank Group,
Corporate Risk
Management

Washington U.S.A.
D.C.

Portfolio Screening - An Integrated Quality Assessment of Key Portfolio
Information

Portfolio Information, Credit Risk, Financial Information, Screening

**Claude Gangolf, Robert Dochow,
Günter Schmidt, Thomas Tamisier**

CRP Gabriel Lippmann

Luxembourg Luxembourg

Automated Credit Rating Prediction and the Treatment of Information

Automated Credit Rating Prediction, Risk Information, Credit Risk

Session 5
09:00 – 10:50

Rapporteur:
Victoria Bakhtina

Barbara Theilen-Willige

TU Berlin, Institute of
Applied Geosciences

Berlin Germany

Contribution of Remote Sensing and GIS Methods to the Detection of
Areas Exposed to Flooding in the Coastal Zones of Northern-Algeria

Remote Sensing, GIS, Flooding Hazards, Northern Algeria

**Angela Santos
and Shunichi Koshimura**

International Research
Institute of Disaster
Science

Japan

The Impact of the 1755 Lisbon Tsunami in Portugal: Historical Review

1755 Lisbon Tsunami, historical accounts, fatalities and damage

Program

Alexandre Oliveira Tavares, Ângela Santos, José Leandro Barros and António Emídio

Centre for Social Studies
and Department of Earth
Sciences, University of
Coimbra

Coimbra

Portugal

Tsunami Vulnerability on Two Portuguese Coastal Areas: A
Multidimensional Approach

Tsunami, Vulnerability, Multidimensional, Cartography, Modeling

Pedro Pinto Dos Santos, Alexandre Oliveira Tavares, André B. Fortunato, Ana Rilo and Paula Freire

Centre for Social Studies
and Department of Earth
Sciences, University of
Coimbra

Coimbra

Portugal

Assessment of Social Vulnerability in an Estuarine Context

social vulnerability, local scale, storm surge, Tagus river estuary, Principal Component Analysis

Overtoun Placido Mgemzulu

UNICEF Nepal Office

Kathmandu

Nepal

Child Centred Risk Assessment for Integrated Risk Informed Planning

10:50 – 11:20

Coffee Break

Program

Session 6

11:20 – 12:40

Monika Jarosch

University of Siegen

Siegen

Germany

Disaster-Cycle „Risks, Disaster, Security“- On the Participatory Aspect of
Risk Information Management *invited Keynote*

*Geotagging, Social Media, Collector App, ArcGIS App, Content Management, Information
Management*

Diana Dushkova

Moscow

Russia

and Kathrin Hoerschelmann

Perception of Environmental Risk in Different European Cities

environmental risk perception, risk communication, European cities

**Sebastian Hieberger
and Frank Fuchs-Kittowski**

Hochschule für Technik
und Wirtschaft (HTW),
Berlin

Berlin

Germany

Cloud-Based Map Service for Mobile Risk Maps

Cloud Computing, Mobile, App, Risk Map, Flood Hazard

12:45 – 14:00

Lunch Break

Program

Session 7

14:00 – 15:30

Horst Kremers

CODATA-Germany

Berlin

Germany

Risk Information Management Challenges for Operational Forces in Multidisciplinary Decision Processes

risk information models, interoperability, standards development, risk information processes modelling, services and service composition, risk-related information sources, risk and risk-model change in time and space, risk modeling issues for infrastructure, disaster management and emergency preparedness, prevention, alert, response and mitigation, health and biological risks, decisionmaking

**Saskia Greiner, Mathias Schäkel,
Henning Albers and Simon Gloede**

Hochschule Bremen,
Institut für Umwelt- und
Biotechnik

Bremen

Germany

Definition, Identification and Assessment of Process Risk information as Foundation for their Integration in Process Models

process risk, BPMN, risk-interdependency, risk-dependency, risk-promoter, risk-inhibitor

Anne Baumgrass, Mathias Weske

Hasso Plattner institute

Potsdam

Germany

Event Processing for Risk Management

Complex Event Processing, Risk Management, Event Processing System, Event Aggregation and Correlation, Business Processes Monitoring

Stefanie Betz

KIT Karlsruhe Institute of
Technology, Institute
AIFB

Karlsruhe

Germany

**Risk Management and Business Process Management:
How far have we come?**

invited Keynote

Business Process Management, Risk Management, Approach, Modelling Languages

Philippe De Maeyer

Department of
Geography,
Ghent University

Ghent

Belgium

Risk Calculation: Whatever the region, Data Gathering Remains Still the Most Difficult Part

Floods in Belgium, floods in Caribbean and poaching in Africa

Program

Session 8

15:30 – 16:45

All Participants

Open Forum Session.

Strategic Aspects of R&D Demand
in Risk Information Management, Risk Models and Applications

Horst Kremers

RIMMA Symposium Summary and Perspectives, Recommendations

Program may be subject to change without notice
