

RISD20

**International Conference on Risk-informed Sustainable
Development in the Rural Tropics**

FRIDAY | OCTOBER 16, 2020 | 2020

**VALENTINO CASTLE, VIALE MATTIOLI 39
TURIN, ITALY**

CONFERENCE PROGRAM

Updated at March 17, 2020 on www.risd20.com

Location | **Salone d'Onore**

Welcome

8:30 a.m. to 9:30 a.m.

Andrea BOCCO
Maurizio TIEPOLO

Location | **Caccia Hall**

Risk-informed Planning

9:30 a.m. to 11:10 a.m.

Mainstreaming Disaster Risk Reduction into
Local Development Plans for Rural Tropical
Africa: A Systematic Assessment
Maurizio TIEPOLO

Understanding the Status quo of Disaster
Risk Construction Process: Aid Workers Tales
from Guatemala and Haiti
Giacomo CAZZOLA

Dynamics of Settlements in Flood-prone
Areas of the dallol Maouri, Municipality of
Guéchémé, Niger, 2009-2019
Andrea GALLIGARI

The Coral Coast's Strategic Spatial Plan for
Local Sustainable Development in Brazil.
Facing Multi-Hazard Risks and Opportunities
Gianfranco FRANZ

Location | **Gigli Hall**

Climate and Weather Information

9:30 a.m. to 11:10 a.m.

Understanding the Past to Infer a Climatic
Future in the Sahel
Alessandra GIANNINI

Community and Impact-based EWS for
Flood Risk Preparedness
Vieri TARCHIANI

Climate Change and Cardiovascular
Diseases in Brazil
Simona FRATIANNI

Climatology and Dynamical Evolution
of Extreme Rainfall Events in the Sinai
Peninsula
Marina BALDI

Comparison and Bias-correction of
Precipitation Satellite-derived Datasets at
Local Level in Northern Kenya
Ingrid VIGNA

Location | **Feste and Fasti Hall**

Observing, Forecasting, Informing and Planning

9:30 a.m. to 11:10 a.m.

Adaptation et résilience climatique à travers
les projets: Région de Dosso, Niger
Mahamadou Daoura NIEINO

Improvement of the Sirba River Observation
Network, Niger
Mohamed HOUSSEINI IBRAHIM

Seasonal Climate Forecasts for Agricultural
Planning in the Sahel
Gaptia Lawan KATIELLOU

Between Management and Adaptation: the
Risk Issue in the Senegal Project
Andrea DI VECCHIA

Location | **Colonne Hall**

Coffee Break

11:10 a.m. to 11:40 a.m.

Location | **Caccia Hall**

Risk Reduction in Agriculture

11:40 a.m. to 1:00 p.m. / 2:00 p.m. to 3:00 p.m.

A Survey on Photovoltaic Pumping Plants in West Africa, Problems and Opportunities
Stefano BECHIS

Agrometeorological Forecast for Smallholder Farmers: A Powerful Tool for Weather-informed Crops Management in the Sahel
Maurizio BACCI

Agrometeorological Forecast for Smallholder Farmers: A Powerful Tool for Weather-informed Crops Management in the Sahel
Sabrina BONETTO

Application of the Aaron Stove to the Transformation of Plastic Residues
Paolo GIGLIO

Innovation Adoption and Social Stigma: Evidence from Rural Communities in Mozambique
Massimiliano MAZZANTI

Location | **Gigli Hall**

Fluvial Risk

11:40 a.m. to 1:00 p.m.

Flood Forecasting and Alerts in West Africa: Experiences from Co-developing a Preoperational System
Bernard MINOUNGOU

Hydro-climatic Intensification in the Sahel: Evidences and Challenges for Hydrological Risk Modelling
Théo VISCHEL

Floods and Related Impacts in Niger based of the ANADIA Niger Flood Database, 1998-2018
Edoardo FIORILLO

Hydraulic and Hydrological Model for the Sirba River Flood Early Warning System
Maurizio ROSSO

Location | **Feste and Fasti Hall**

Risk Information Management and Communication

11:40 a.m. to 1:00 p.m.

Equivocal Risk Communication: Post-Disaster in Uttarakhand, India
Shabana KHAN

The Implication of Flood Risk Communication Strategies in the Niger Delta Region, Nigeria
Chioma Daisy ONYIGE

Communication for Disaster Risk Reduction and Resilience: Progress and Challenges in Malaysia
Khamarrul Azahari bin RAZAK

Citizen Engagement for Community Development in Rural Bangladesh
Nova AHMED

Open Data and Web Services for Flood Risk Monitoring and Forecasting
Tiziana De Filippis

Location | **Colonne Hall**

Lunch

1:00 p.m.

Location | **Caccia Hall**

Reporting from the eight sessions

3:30 p.m. to 5:00 p.m.

Maurizio Tiepolo

Location | **Gigli Hall**

Coastal Risk

2:00 p.m. to 3:30 p.m.

Floating Structures, Sensors and Machine Learning for Coastal Protection
Edoardo BERTONE

Suitability of Maldivian Lagoons for the Restoration of the Reef-building Branching Coral *Acropora Muricata*
Paolo GALLI

Numerical Model of Beach Response to Segmented Breakwater. Case of Ponta do Praia, Brazil
Gabriela DA SILVA

Climate Resilience for Duran, Ecuador: Co-designing an Operational Framework for Vulnerability to Flooding
Mercy BORBOR-CORDOVA

Reaching Coastal Resilience: Reducing Coastal Flood Risk by Stakeholder's Engagement on Disasters Preparation and Reduction, the Case of Pearl River Delta, PRD
Faith Ka Shun CHAN

The Impacts of Sea Level Rise in Santos Mangroves (Brazil) for Next Decade
Paolo ALFREDINI

Location | **Feste and Fasti Hall**

Drought Risk and Water Access

2:00 p.m. to 3:30 p.m.

Water Resource Management and Sustainability in Faafu Atoll, Maldives
Silvia CHECOLA

An Interdisciplinary Approach to the Sustainable Management of Territorial Resources in Hodh el Chargui, Mauritania
Sabrina BONETTO,

Groundwater Resources in South Sudan: New Insights for Juba Area
Manuela LASAGNA

Water Shallow Wells Quality in Vulnerable Environment, North Horr Sub-county, Kenya
Velia BIGI

Registration is available at www.risd20.com