

## Winter School Draft Programme: From Single Hazards to Multi-Hazards and Systemic Risks ...

	06/01	07/01	08/01	09/01	10/01
08:30	Travel/Arrival	Innovative methodologies and technologies for assessing hazards and risks  Multi-hazard risk assessment and exercise <b>Prof. Dr. Cees van Westen</b>	<b>Excursion to the Ahr Valley: Lessons learnt from the 2021 Ahr floods</b>  <b>Prof. Dr. Lothar Schrott and Dr. Rainer Bell</b>	Operational implications of changing disaster risk landscape: local, national and international perspectives Think global, act local (Bonn Fire Service) <b>Jochen Stein</b> National civil protection perspective Gemeinsame Melde- und Lagezentrum (GMLZ) <b>Bastian Druschinski</b>	Panel discussion (moderated by <b>Lothar Schrott</b> ): Postgraduate education programmes for disaster managers: gaps and opportunities <b>(TBC)</b>
10:30- 10:45		Coffee Break	Coffee Break	Coffee Break	Coffee Break
		“Citizen seismology”: using social media tools for public earthquake information and rapid impact assessment <b>Dr. Rémy Bossu</b> (online)	Meeting District administrator <b>Cornelia Weigand</b> (Kreisverwaltung Ahrweiler)	Changing risk landscapes: implications for disaster management operations in Europe and beyond <b>Dr. Peter Billing</b>	Summary and wrap up sessions <b>Dr. Rainer Bell</b>  Evaluation & conclusion
12:30-13:30	Lunch	Lunch	Lunch (own)	Lunch	12.30: END
13:30-15:15	<b>Welcome and Introduction: Prof. Dr. Lothar Schrott</b>  <b>Keynote Address: Prof. Dr. Christian Huggel</b> Disaster risk management and climate change: an integrative perspective	<b>Presentation and visit:</b> European Centre for Medium-Range Weather Forecast, Bonn (ECMWF):  Earth Observation tools for DRM; Copernicus Emergency Management Service <b>Stijn Vermoote</b>	<b>Visit and presentation</b> Federal Academy for Civil Protection and Civil Defence (BABZ)  Education in disaster management – new approaches	German Committee for Disaster Risk Reduction (DKKV) <b>Dr. Benni Thiebes</b>  <b>Serious games on disaster management</b>	<b>Travel/Departure</b>
15:15-15:45	Coffee Break	Break/travel	Coffee Break	Coffee Break	
15:45-17:30	Hazard and risk management: terminology + concepts in a changing risk landscape <b>Prof. Dr. Lothar Schrott and Dr. Philip Marr</b>  From single to multi-risk management: the International and EU legal perspective <b>Prof. Dr. Emanuele Sommario</b> (online)	<b>Presentation + visit:</b> The United Nations and disaster risk management (UNU-EHS)  Challenges of systemic risks <b>Dr. Michael Hagenlocher</b>	International perspective:  Host Nation support, experiences and challenges during the Belgian Floods” <b>Pieter Wynant</b> (online)	Risk communication <b>PD Dr. Petra Dickmann</b>	<b>Legend</b> Lecturers on site <span style="display:inline-block; width:10px; height:10px; background-color:grey; border:1px solid black;"></span> Hands on exercise <span style="display:inline-block; width:10px; height:10px; background-color:orange; border:1px solid black;"></span> Visits within Bonn <span style="display:inline-block; width:10px; height:10px; background-color:yellow; border:1px solid black;"></span> Field visit to Ahrweiler <span style="display:inline-block; width:10px; height:10px; background-color:lightgreen; border:1px solid black;"></span>
18:00-20:00		Social event at UNU	Dinner and Wine Tasting at Winegut Kriechel	Informal social event (optional)	