

PROGRAMME GROUP SCHEDULE

NH – NATURAL HAZARDS

O: Oral Presentation (Lecture Room) / P: Poster Presentation (Poster Hall)

TB: 1: 8:30–10:00 / 2: 10:30–12:00 / 3: 13:30–15:00 / 4: 15:30–17:00 / 5: 17:30–19:00

Session	Title	TB	MO	TU	WE	TH	FR
NH1.01	Advances in radar, satellite and hydrological modelling methods for flash flood forecasting and droughts (co-listed in AS & HS)	1		O (17 (M))			
		2		O (17 (M))			
		3					
		4					
		5		P (XY)			
NH1.02	Diagnosis, modelling and forecasting of meteorological and hydrological hazards produced by extreme weather and climate change (co-listed in AS & CL)	1					
		2					
		3		O (17 (M))			
		4		O (17 (M))			
		5		P (XY)			
NH1.03	Precipitation Remote Sensing with Applications in Hydrometeorology and Flood Forecasting (co-listed in AS & GM)	1	O (17 (M))				
		2					
		3					
		4					
		5		P (XY)			
NH1.04	Lightning (co-listed in AS)	1			O (17 (M))		
		2			O (17 (M))		
		3					
		4					
		5		P (XY)			
NH1.06	Progress in Hazardous Storm Research using Evolving Global Precipitation Measurement (GPM) & Global Water Cycle (GWC) Remotely Sensed Datasets (co-listed in AS)	1					
		2	O (17 (M))				
		3	O (17 (M))				
		4	O (17 (M))				
		5	O (17 (M))	P (XY)			
NH2.02	Towards reduced uncertainty in flood risk analysis (co-listed in HS)	1					
		2					
		3			P (XY)		
		4			O (16 (L))		
		5			O (16 (L))		
NH3.01	Documentation and monitoring of landslides and debris flows for mathematical modelling and design of mitigation measures (co-listed in GM) (co-sponsored by International Association Engineering Geology)	1		O (18)			
		2		O (18)			
		3					
		4					
		5			P (XY)		
NH3.02	Landslides, ground-failures and mass movements induced by earthquakes and volcanic activity (co-listed in GM)	1			O (18)		
		2			O (18)		
		3					
		4					
		5			P (XY)		
NH3.03	Slope movements in weathered materials: recognition, analysis, and hazard assessment (co-listed in GM)	1					
		2					
		3			O (18)		
		4			O (18)		
		5			P (XY)		
NH3.04	Rainfall induced landslides and debris flows (co-listed in GM)	1				O (16 (L))	
		2					
		3					
		4					
		5					P (XY)
NH3.06	Large slope instabilities: from dating, triggering and evolution modelling to hazard assessment (co-listed in GM)	1					
		2					
		3					O (18)
		4					O (18)
		5					P (XY)
NH3.07	Mechanics of Mass Flows (co-listed in GM)	1					
		2					
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		4			O (18)		
		5			P (XY)		
NH3.08	Rock falls - Analysis, Simulation and Protection (co-listed in GM)	1					
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		4					
		5			O (17 (M))	P (XY)	

Session	Title	TB	MO	TU	WE	TH	FR
NH3.09/ GM15	The temporal dimension in landslide hazard assessment (co-organized by GM)	1					
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		5			O (18)	P (XY)	
NH3.10	The role of vegetation in slope stability and mitigation measures against landslides and debris flows	1					
		2					
		3	P (XY)				
		4	O (18)				
		5	O (18)				
NH3.11	Landslides monitoring and characterization using high resolution DEM and DEM techniques and erosive budget (including Plinius Medal Lecture)	1					
		2					
		3					O (16 (L))
		4					
		5					P (XY)
NH3.13	Remote sensing and ground-based geophysical techniques for recognition, characterisation and monitoring of unstable slopes	1					
		2					
		3					O (17 (M))
		4					O (17 (M))
		5					P (XY)
NH4.01	Seismo-tectonic electromagnetic effects (co-listed in SM)	1					O (17(M))
		2					O (17(M))
		3					
		4					
		5					P (XY)
NH4.02	Seismic hazard evaluation, precursory phenomena and reliability of prediction	1				O (17 (M))	
		2				O (17 (M))	
		3					
		4					
		5					P (XY)
NH4.03	Deformation processes and accompanying mechanical and electromagnetic phenomena, for rocks and other materials, from the laboratory to the geophysical scale	1					
		2					
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		4					
		5					P (XY)
NH4.05	Evaluation of liquefaction potential	1					
		2					
		3					
		4					
		5					P (XY)
NH5.03	Volcanic Hazards and Risks	1					
		2					
		3				P (XY)	
		4				O (17 (M))	
		5				O (17 (M))	
NH6.01	Tsunamis (co-listed in OS)	1					O (18)
		2					O (18)
		3					O (18)
		4					O (18)
		5					O (18)
NH6.02	Extreme Sea Waves (co-listed in OS) (including Sergey Soloviev Medal Lecture)	1				O (18)	
		2				O (18)	
		3					
		4					
		5					P (XY)
NH7.02	Snow avalanche formation, avalanche dynamics and risk assessment	1		O (16 (L))			
		2		O (16 (L))			
		3		P (XY)			
		4					
		5					
NH8.01	Natural and anthropogenic hazards in karst areas (co-listed in HS) (co-sponsored by Commission of the International Union of Speleology, IGU Karst Commission)	1	O (18)				
		2	O (18)				
		3	O (18)				
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		5	P (XY)				
NH8.02	Spatial and temporal patterns of wildfires: models, theory, and reality (co-listed in BG)	1					
		2					
		3					
		4					P (XY)
		5					O (16 (L))
NH8.03	Geohazards in coastal areas	1					
		2			P (XY)		
		3			O (18)		
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
NH8.04	Human-Induced Geohazards: Observations, Analyses, Predictions and Recommendations	1					
		2					P (XY)
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		4					
		5					
NH8.05	NATECH disasters: When natural hazards trigger technological disasters	1					
		2			P (XY)		
		3					
		4					
		5			O (18)		
NH8.06	Heavy-metal contamination in the air, water, soils, and plants	1					
		2					
		3					P (XY)
		4					
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NH9.01/ NP4.04	Extreme Events: Causes and Consequences (E2 - C2) (co-organized with NP)	1					
		2		P (XY)			
		3					
		4		O (16 (L))			
		5		O (16 (L))			
NH9.03	Estimating geo-morphological hazard and risk (co-listed in GM)	1					
		2				O (16 (L))	
		3					
		4					
		5					P (XY)
NH9.06	Human impacts, vulnerability assessments and multidisciplinary approaches in natural hazards and risk assessments	1					
		2					
		3				O (16 (L))	
		4				O (16 (L))	
		5					P (XY)
NH9.07	Natural Hazards Impact on Urban Areas and Infrastructure	1					
		2					P (XY)
		3					O (17 (M))
		4					O (17 (M))
		5					
NH9.08	Societal Decisions and Economic Aspects for Reducing Natural Hazards Risk	1					
		2					P (XY)
		3					O (16 (L))
		4					O (16 (L))
		5					
NH 10.01	Geo-Databases and Information Systems for Natural Hazards and Risk Assessment (co-sponsored by CNR - IRPI)	1					
		2				P (XY)	
		3					
		4					
		5					
NH 10.02	Investigation of historical records on Natural Hazards	1					
		2				P (XY)	
		3			O (16 (L))		
		4					
		5					
NH 11.01	Modelling, computer-assisted simulations and mapping of dangerous phenomena for hazard assessment (co-sponsored by CNR - IRPI) (co-listed in AS, BG, GMPV & NP)	1			O (16 (L))		
		2			O (16 (L))		
		3					
		4			P (XY)		
		5					
NH 11.04	Prediction and real-time mapping for natural hazards and environmental monitoring	1					O (16 (L))
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		3					P (XY)
		4					
		5					
NH 11.05	Advances in InSAR techniques for the analysis of natural hazard phenomena (co-listed in GI)	1					
		2					
		3					
		4					
		5				O (17 (M))	P (XY)