EGU 2009 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
Division Business Meeting: Thursday, 12:15–13:15, Room 29

Session	Title	TB	MO	TU	WE	TH	FR
NH1.1	Precipitation Science	1		O (6)	O (6)		
		2		O (6)	O (6)		
		3		O (6)	P (XY)		
		4		O (6)	P (XY)		
		5		O (6)			
HS8.1/ AS4.1/ NH1.2/ NP3.6	Precipitation: from measurement to modelling and application in catchment hydrology	1					
		2					
		3	O (31)				
		4	O (31)				
		5	P (A)				
NH1.4	Extreme Events Induced by Weather and Climate Change: Evaluation, Forecasting and Proactive Planning	1	O (6)				
		2	O (6)				
		3					
		4					
		5	P (XY)				
NH1.5/ HS13.01	Assessment of Weather-related Risk on Agricultural Production and Agribusiness	1					
		2					
		3	O (30)				
		4	O (30)				
		5	P (XY)				
NH1.7/ AS4.4	Lightning and its Atmospheric Effects	1					
		2					
		3					
		4			O (29)		
		5			O (29)	P (XY)	
NH2.1	Floods: monitoring, modelling, risk and uncertainty	1		O (18)			
		2					
		3					
		4					
		5		P (XY)			
HS5.6/ NH2.3	Floodplain mapping and flood prevention techniques in the 21st century	1			O (34)		
		2			O (34)		
		3					
		4					
		5			P (A)		
GM3.3/ CL65/ HS13.03/ NH2.4	Flooding and climate during the last two millennia	1					
		2					
		3				O (19)	
		4					
		5				P (A)	
HS10.2/ NH2.5	Flash flood events: observations, processes and forecasting	1	O (32)				
		2	O (32)				
		3					
		4					
		5	P (A)				
HS2.5/ NH2.7	Hydrological extremes: from droughts to floods	1					
		2					P (A)
		3				O (31)	
		4				O (31)	
		5					
NH2.8	Quantitative Methods for Desertification Monitoring and Assessment	1					
		2					
		3					
		4					
		5	P (XY)				
NH2.9	Alluvial fans and debris cones: Risk assessment and Climate Change Impacts	1	O (30)				
		2					
		3					
		4					
		5	P (XY)				
NH3.1/ GMPV22	Volcanic threats: hazard identification, assessment and risk mitigation	1					O (29)
		2					O (29)
		3					P (XY)
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
NH4.1/ GM6.3	Landslides, ground-failures and mass movements induced by earthquakes and volcanic activity	1					
		2					
		3					
		4			O (18)		
		5			P (XY)		
NH4.2/ HS11.7	Hydrological processes in landslide research: analysis and quantification	1			O (18)		
		2			O (18)		
		3					
		4					
		5			P (XY)		
NH4.3	Landslides Triggered by Rainfall Events	1					
		2					
		3					
		4				O (18)	
		5				P (XY)	
HS11.1/ NH4.4	Rainfall triggered landslides and debris flows and their effect on erosion and sediment yield in river catchments	1					
		2					
		3				O (35)	
		4					
		5				P (A)	
GM6.2/ NH4.5	Processes and rates of rock slope erosion: weathering, detachment, and transport	1					
		2					
		3					
		4				O (19)	
		5				P (A)	
NH4.6	Hydrological, hydraulic and mechanical effects of plants for slope stability	1					
		2					
		3			O (18)		
		4					
		5			P (XY)		
NH4.7/ HS2.7	Natural and anthropogenic hazards related to water reservoirs	1					
		2					
		3					
		4					
		5			P (XY)		
NH4.8	Large slope instabilities: from dating, triggering, monitoring and evolution modelling to hazard assessment	1				O (18)	
		2				O (18)	
		3					
		4					
		5				P (XY)	
NH4.9	Landslides monitoring and characterization using high resolution DEM, LIDAR and other DEM techniques	1					
		2	O (18)				
		3					
		4					
		5	P (XY)				
NH4.10	Impacts of climate change and land-use change on landslides	1					
		2					
		3					
		4					
		5				P (XY)	
NH4.11	Time and intensity prediction in landslide hazard assessment	1					
		2					
		3				O (18)	
		4					
		5				P (XY)	
NH4.12	Remote sensing and geophysical techniques for investigating unstable slopes	1					
		2					
		3	O (18)				
		4	O (18)				
		5	P (XY)				
NH4.13	Terrain Instability Analysis and Mass Movement Prevention	1	O (18)				
		2					
		3					
		4					
		5	P (XY)				
NH4.14/ HS11.6	Landslide Forecasting	1		O (29)			
		2		O (29)			
		3					
		4					
		5		P (XY)			
NH4.15	Landslide risk assessment methods and strategies	1					
		2					
		3		O (29)			
		4		O (29)			
		5		P (XY)			

Session	Title	TB	MO	TU	WE	TH	FR
NH4.16	Documentation and monitoring of landslides and debris flows for mathematical modelling and design of mitigation measures	1					
		2					
		3					O (18)
		4					
		5				P (XY)	
NH4.17	Rockfalls - Analysis, Simulation and Protection	1					
		2					O (18)
		3					
		4					
		5				P (XY)	
NH5.1/ SM4.5	Earthquake Risk and Loss Estimates: New Directions (including Sergey Soloviev and Plinius Medal Lectures)	1					
		2					
		3	O (6)				
		4	O (6)			O (6)	
		5	P (XY)				
NH5.2/ SM4.6	Seismic hazard evaluation, precursory phenomena and reliability of prediction	1					O (30)
		2					O (30)
		3					O (30)
		4					P (XY)
		5					
NH5.3/ SM6.3	Electric, magnetic and electro-magnetic phenomena related to earthquakes	1					
		2					
		3				O (30)	
		4				O (30)	P (XY)
		5				O (30)	
NH5.4/ SM6.5	Deformation processes and accompanying mechanical and electromagnetic phenomena, for rocks and other materials, from the laboratory to the geophysical scale	1					
		2					
		3					
		4					P (XY)
		5					
NH6.1	Tsunami: Science, Prevention and Mitigation Measures	1					O (6)
		2					O (6)
		3					O (6)
		4					P (XY)
		5				P (XY)	
SM4.2/ NH6.2	Earthquake and Tsunami Early Warnings	1					
		2					
		3					
		4	O (4)				
		5	O (4)	P (XY)			
NH6.3	Extreme Sea Waves	1				O (30)	
		2				O (30)	
		3					
		4					
		5				P (XY)	
NH6.4	Coastal geo-hazards and storm surges: characterization, prediction and climate change	1					
		2					
		3					O (29)
		4					P (XY)
		5					
NH7.2	Snow avalanche formation and dynamics	1					
		2					
		3			O (30)		
		4			O (30)		
		5			P (XY)		
CR10.1/ CL40/ NH7.3	Climate change impacts on glaciers, permafrost and related hazards	1		O (20)			
		2		O (20)			
		3			P (XY)		
		4					
		5					
CR8.3/ HS13.06/ NH7.4	Glacial Lake Outburst Floods: Current issues - future concerns	1					
		2					
		3		O (33)	P (XY)		
		4					
		5					
NH8.1/ BG2.9	Spatial and temporal patterns of wildfires: models, theory, and reality	1					
		2		O (18)			
		3		O (18)			
		4					
		5		P (XY)			
NH8.2/ AS4.5/ CL23	Wildfires, Weather and Climate	1					
		2					
		3					
		4		O (18)			
		5		P (XY)			

Session	Title	TB	MO	TU	WE	TH	FR
SSS18/ BG2.8/ NH8.3	Wildfire in Forest Landscapes: Desertification, Degradation, Debris Flows, & Damage Control	1					
		2					
		3					
		4	O (24)				
		5	O (24)/ P (A)				
NH9.1/ BG2.10/ SSS44	Heavy-metal contamination of water, air, soil, and foodcrops	1					
		2	P (XY)				
		3					
		4	P (XY)				
		5					
NH9.2/ GM7.3	Natural and anthropogenic hazards in karst areas	1					
		2	O (29)				
		3	O (29)				
		4					
		5	P (XY)				
GM7.2/ NH9.4	Karst systems: dynamics, evolution and paleoenvironmental recordings	1	O (29)				
		2					
		3					
		4					
		5	P (A)				
NH9.5	Radon, health and natural hazards	1					
		2	O (30)				
		3					
		4					
		5	P (XY)				
ST14/ NH9.6	Space Weather and its Effects on Terrestrial and Geo-Space Environments: Science and Applications	1					O (11)
		2					O (11)
		3					
		4					
		5					P (XY)
NH10.1/ EG5	Public policy and commercial applications of natural catastrophe risk assessment	1				O (6)	
		2				O (6)	
		3				O (6)	
		4				P (XY)	
		5				O (6)	
NH10.2/ EOS5	Natural Hazards Education and Communications to Students, Government Officials and to the Public	1					O (18)
		2					P (XY)
		3					
		4					
		5					
NH10.4	Natural Hazards and Technological Disasters	1					
		2			O (30)		
		3					
		4					
		5			P (XY)		
NH10.6	Vulnerability, disaster resilience and adaptation - concepts, methods and applications	1		O (30)			
		2					
		3					
		4					
		5		P (XY)			
NH10.7	Social Sciences in Natural Hazards Research: Interdisciplinary Research Approaches	1					
		2					
		3					
		4					
		5		P (XY)			
NH10.11	Early warning systems for natural hazards and risks	1					
		2		O (30)			
		3					
		4					
		5		P (XY)			
NH10.13/ EG6	Natural hazard risk management: From risk assessment to economic aspects and societal decision making	1					
		2					
		3		O (30)			
		4		O (30)			
		5		P (XY)			
NH10.14	Lessons Learning and Best Practices for Disaster Risk Mitigation	1					
		2					
		3					
		4					O (18)
		5					P (XY)
NH10.15/ EG7	Improving coordination between European civil protection and the scientific community	1					
		2					
		3			O (6)		
		4			O (6)		
		5			P (XY)		

Session	Title	TB	MO	TU	WE	TH	FR
NH11.1/ G23/ GD14/ GMPV20/ SM3.2/ TS6.7	Sumatra: Deformation Processes, Earthquakes, Volcanoes and Tsunamis	1			O (30)		
		2					
		3					
		4					
		5			P (XY)		
NH11.2	Modelling and simulation of dangerous phenomena, and innovative techniques for hazard evaluation, mapping, mitigation	1			O (29)		
		2			O (29)		
		3			O (29)		
		4					
		5			P (XY)		
G15/ NH11.4	Ground Movement: Measurements, Subsurface Causes, and Interpretation	1					
		2					P (XY)
		3					O (24)
		4					O (24)
		5					
EOS4	The future of European engineering: education and research	1					
		2					
		3			O (9)		
		4			O (9)		
		5			P (EOS)		
BG4.1/ AS4.7	Fire in the Earth System	1					
		2			P (BG)		
		3			O (21)		
		4			O (21)		
		5					
CL41	Mid-latitude Cyclones and Storms: Diagnostics of Observed and Future Trends, and related Impacts	1	O (13)				
		2					
		3					
		4					
		5	P (XY)				
CL54/ NP4.5	Climate time series analysis: Novel tools and their application	1				O (14)	
		2				O (14)	
		3					
		4					
		5				P (XY)	
CR4.1	Open Session on Permafrost	1			O (20)		
		2			O (20)		
		3					
		4					
		5			P (XY)		
CR1.3	Applied Geophysics in Cryosphere Sciences	1					
		2					
		3					
		4			O (20)		
		5			P (XY)		
NP2.5	Modelling and Understanding Geophysical Systems as Complex Networks	1					
		2				O (16)	
		3			P (A)		
		4					
		5					
NP3.5/ HS13.08	Scales and scaling in surface and subsurface hydrology	1					
		2			O (15)	P (XY)	
		3					
		4					
		5					
GM9.1	Coastal zone geomorphologic interactions: natural versus human-induced driving factors	1					
		2					
		3					
		4	O (29)				
		5	P (A)				
GM1.3/ NP3.10	Stochastic Transport and Emergent Scaling on the Earth's Surface	1					
		2					
		3			O (19)		
		4					
		5			P (A)		
NP3.2	Atmospheric and climate complexity over wide ranges of scale	1					
		2		O (15)		P (XY)	
		3					
		4					
		5					
NP3.4	Geophysical Extremes: Scaling representations and their applications	1			O (15)		
		2				P (XY)	
		3					
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
NP5.1	Predictability, model error dynamics, and high impact events	1				P (XY)	
		2					
		3			O (3)		
		4					
		5					
HS3.2	Fissured and karstified aquifers	1					
		2					
		3			O (34)		
		4			O (34)		
		5			P (A)		
GI1/ MPRG22	Open Session on Geoscience Instrumentation	1					
		2					
		3					
		4	O (7)				
		5	O (7)	P (XY)			
GI3	Instrumentation for Ocean Observatories and Early Warning Systems	1					
		2					
		3					
		4		O (7)			
		5		P (XY)			
SM4.4/ NP3.7	Time-dependent earthquake processes and seismic hazard: physics and statistics	1					P (XY)
		2					
		3					O (17)
		4					O (17)
		5					O (17)
SSP16	Tsunamites and seismites: time-space constraints for prediction? (co-sponsored by IAS)	1					
		2					
		3					
		4					
		5				P (A)	
NP3.8/ HS13.09	Solid Earth geocomplexity: surface processes, morphology and natural resources over wide ranges of scale	1					
		2				P (XY)	
		3			O (15)		
		4					
		5					