EGU 2009 Programme Group Schedule

SSS – Soil System Sciences

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 25

Session	Title	TB	MO	TU	WE	TH	FR
SSS1	The scale problem in soil erosion studies	1			O (25)		
		2			O (25)		
		3			O (25)		
		4					
		5			P (A)		
SSS2	Vegetation and erosion	1		O (25)			
		2		O (25)			
		3					
		4					
		5		P (A)			
SSS3	Significance of patchiness on landscape. A soil, vegetation and hydrological approach	1					
		2					
		3					
		4			O (24)		
		5			P (A)		
SSS4	Soil system studies along climatological transects	1					
		2					
		3			O (24)		
		4					
		5			P (A)		
SSS6	Integrated research in wooded rangelands of Mediterranean type climates	1					
		2					
		3					
		4			O (25)		
		5			O (25)/ P (A)		
SSS7	Soil erosion and sediment control with vegetation and bioengineering on severely eroded terrain	1				O (24)	
		2					
		3					
		4					
		5				P (A)	
SSS8	Treated waste water reuse for soil irrigation. Modification of soil properties	1					
		2				O (24)	
		3					
		4					
		5				P (A)	
SSS9	Preferential flow as a scale problem: From pore scale up to the catchment scale	1					
		2					
		3		O (24)			
		4					
		5		P (A)			
SSS10	Management strategies to increase water use efficiency in soils	1					
		2					
		3				O (24)	
		4					
		5				P (A)	
SSS11	Linking soil properties to landscape processes. Towards a regional prediction	1	O (25)				
		2					
		3					
		4					
		5	P (A)				
SSS12	Digital soil mapping: novel approaches (including geophysical measurements) to the prediction of key soil properties for modelling physical processes	1					
		2	O (25)				
		3	O (25)				
		4	O (25)				
		5	O (25)/ P (A)				
SSS14/ HS11.8	Tracing sediments and colloids in the environment	1					
		2					
		3					
		4				O (24)	
		5				P (A)	
SSS17	Experimental Methods in Soil Erosion Studies	1					
		2					
		3	O (24)				
		4					
		5	P (A)				

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)				
SSS19	Soil fauna, carbon cycle and climate change	1					
		2					
		3				O (25)	
		4					
		5				P (A)	
SSS20	Soil degradation and Abandoned Lands in Mediterranean environments	1					
		2					
		3					
		4				O (25)	
		5				P (A)	
SSS21/ GM3.2	Soil erosion, sedimenation and the carbon cycle	1					
		2					
		3					
		4		O (24)			
		5		P (A)			
SSS23	Applications and new developments of magnetic resonance techniques in soil science	1					O (25)
		2					
		3					
		4					
		5					P (A)
SSS24	Synchrotron radiation in soil and geosciences	1					
		2					
		3		O (25)			
		4		O (25)			
		5		P (A)			
SSS25	Diffuse reflectance spectroscopy in soil science and land resource assessment	1					
		2				O (25)	
		3					
		4					
		5				P (A)	
SSS26	Organic soils: impact of land-use change on peatlands degradation	1		O (2)			
		2		O (2)			
		3					
		4					
		5		P (A)			
SSS27	Soils and pedosediments as environmental archives	1				O (25)	
		2					
		3					
		4					
		5				P (A)	
SSS28	Soil organic matter supplies: impacts and implications	1					
		2					O (25)
		3					O (25)
		4					
		5					P (A)
SSS29	Biogeochemical Interfaces in Soil	1					O (24)
		2					O (24)
		3					
		4					
		5					P (A)
SSS30	Microbial functioning of rhizosphere and management of trace element contaminated soils	1			O (2)		
		2					
		3					
		4					
		5			P (A)		
SSS31	Soil aggregates: a concept at different spatial and temporal scales	1			O (24)		
		2					
		3					
		4					
		5			P (A)		
SSS32	Pedogeochemical mapping of potentially toxic elements	1					
		2			O (24)		
		3					
		4					
		5			P (A)		
SSS34	Initial soil formation (including Philippe Duchaufour Medal Lecture)	1		O (24)			
		2		O (24)			
		3					
		4					
		5		P (A)			

Session	Title	TB	MO	TU	WE	TH	FR
SSS35	Soil organic matter, soil management systems, and pesticide fate	1	O (24)				
		2					
		3					
		4					
		5	P (A)				
SSS37	X-ray Computed Tomography in Geo-sciences: 3D visualization and quantification	1					
		2					
		3				O (2)	
		4					
		5				P (A)	
SSS38	The molecular biogeochemical fate of terrestrial organic carbon	1					
		2	O (24)				
		3					
		4					
		5	P (A)				
NP3.9/ SSS39	Complexity and nonlinearity in soils	1					
		2				P (XY)	
		3					
		4			O (15)		
		5			O (15)		
SSS41	Denitrification in soils under field conditions - advances in quantification, controlling factors and process-based modelling	1					
		2			O (2)		
		3					
		4					
		5			P (A)		
BG1.7/ SSS42	Long-term platforms as tool for understanding biogeochemical cycles under climate change	1					O (22)
		2					P (BG)
		3					
		4					
		5					
GMPV19/ GM3.1/ SSS43	Chemical and physical monitoring of the critical zone (co-sponsored by EAG)	1		O (35)			
		2		O (35)			
		3					
		4					
		5		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					
EOS2	New, original and successful ideas for teaching on Earth Sciences	1				O (9)	
		2				O (9)	
		3				O (9)	
		4				P (EOS)	
		5					
AS1.14	African Monsoon Multidisciplinary Analysis (AMMA)	1					O (12)
		2					O (12)
		3					O (12)
		4					P (XY)
		5					
BG1.2	Peatlands and the carbon cycle	1	O (22)				
		2					
		3	P (BG)				
		4					
		5					
BG1.3	Stability and Functions of Mountain Soils	1					
		2					P (BG)
		3					O (22)
		4					
		5					
BG1.5	Biogeochemistry of dissolved organic matter: characterisation, distribution and ecosystem roles	1					
		2			O (22)	P (BG)	
		3					
		4					
		5					
BG1.8	Interactions between the carbon and hydrological cycle and the climate system	1					
		2	O (22)				
		3	P (BG)				
		4					
		5					
BG1.9	Analysis and Characterization of Black Carbon in the Environment	1	O (21)				
		2					
		3					
		4	P (BG)				
		5					

Session	Title	TB	MO	TU	WE	TH	FR
CR6.3	Biogeochemistry and Soil genesis in seasonally snow-covered areas	1					
		2					O (20)
		3					P (XY)
		4					
		5					
GI1/ MPRG22	Open Session on Geoscience Instrumentation	1					
		2					
		3					
		4	O (7)				
		5	O (7)	P (XY)			
GI8	Down hole Instrumentation: Technology and Applications	1					
		2					
		3					P (XY)
		4					
		5					
GM6.1	Soil erosion and geomorphology (including Ralph Alger Bagnold Medal Lecture)	1					
		2					
		3					
		4					
		5		O (19)			
HS3.5	Subsurface flow, solute transport, and energy processes: concepts, modelling, and observations	1					
		2					P (A)
		3					O (33)
		4					O (33)
		5					
HS4.1	Monitoring and Modelling for Transfer Processes in the Soil-Plant-Atmosphere Continuum	1					
		2					
		3			O (33)		
		4			O (33)		
		5			P (A)		
HS4.2	Unsaturated zone flow and transport processes: from science to soil and water management	1	O (33)				
		2	O (33)				
		3					
		4					
		5	P (A)				
HS4.4	Soil-plant interactions from the rhizosphere to field scale	1					
		2					
		3					
		4	O (34)				
		5	P (A)				
HS4.6	Large lysimeter studies for flow and transport model validation	1					
		2					
		3					
		4				O (34)	
		5				P (A)	
HS4.7	The role of interfaces in flow and transport in porous media	1					
		2					
		3					
		4		O (34)			
		5		P (A)			
HS11.3	Sediment response to catchment disturbances	1					O (2)
		2					P (A)
		3					
		4					
		5					
NH8.2/ AS4.5/ CL23	Wildfires, Weather and Climate	1					
		2					
		3					
		4		O (18)			
		5		P (XY)			
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					