

EGU 2009 Programme Group Schedule

BG – Biogeosciences

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 21

Session	Title	TB	MO	TU	WE	TH	FR
BG1.1	Application of stable isotopes in biogeosciences	1		O (22)			
		2		O (22)			
		3		P (BG)			
		4					
		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					
BG1.4/ HS13.04	Water transfer, element fluxes and carbon export from soils to streams and rivers: Processes, modelling and implications at the catchment scale (co-sponsored by EAG)	1			O (22)		
		2					
		3				P (BG)	
		4					
		5					
BG1.5	Biogeochemistry of dissolved organic matter: characterisation, distribution and ecosystem roles	1					
		2			O (22)	P (BG)	
		3					
		4					
		5					
BG1.6/ HS13.02	Urbanisation and its complex interactions with the Biosphere and the water cycle	1	P (BG)				
		2					
		3					
		4					
		5					
BG1.7/ SSS42	Long-term platforms as tool for understanding biogeochemical cycles under climate change	1					O (22)
		2					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					
BG1.10	Towards a process based understanding of Biomineralization (co-sponsored by EAG)	1					
		2					
		3		P (BG)			
		4		O (21)			
		5					
BG1.11	Biodiversity science in Europe: new tools and strategies (EuroDIVERSITY)	1					O (21)
		2					P (BG)
		3					
		4					
		5					
BG2.1	Cropland GHG emissions and related uncertainties	1					
		2					
		3	O (22)				
		4	P (BG)				
		5					
BG2.2	Land-Atmosphere-Cryosphere Interactions in Northern Eurasia	1				O (21)	
		2				O (21)	
		3			P (BG)	O (21)	
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
BG2.3	Synthesis Efforts From the Global Network of Ecosystem-Atmosphere CO ₂ , Water and Energy Exchange (FLUXNET)	1					
		2					O (22)
		3					P (BG)
		4					
		5					
BG2.4	Inter-annual variability of terrestrial ecosystem CO ₂ , H ₂ O and energy exchange	1					P (BG)
		2					O (21)
		3					
		4					
		5					
BG2.5	Impact of atmospheric nitrogen deposition on terrestrial carbon balance	1					
		2					
		3					P (BG)
		4					O (21)
		5					
BG2.6	From biogenic primary exchange to atmospheric fluxes of reactive trace gases	1					
		2					
		3				P (BG)	
		4				O (21)	
		5					
BG2.7	Remote Sensing of Vegetation Systems. Measuring, modelling and managing vegetation responses	1			O (21)		
		2			O (21)		
		3			P (BG)		
		4					
		5					
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)				
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)			
NH9.1/ BG2.10/ SSS44	Heavy-metal contamination of water, air, soil, and foodcrops	1					
		2	P (XY)				
		3					
		4	P (XY)				
		5					
BG2.11	Biogeochemistry and ecohydrology of arid and semi-arid ecosystems	1					
		2	P (BG)				
		3					
		4	O (22)				
		5					
BG3.1	Biogeochemistry of coastal seas and continental shelves	1	P (BG)				
		2	O (21)				
		3	O (21)				
		4	O (21)				
		5					
BG3.2	Methane in aquatic sediments: sources, chemical interactions, fluxes, and biotopes	1		O (21)			
		2		O (21)			
		3					
		4		P (BG)			
		5					
BG4.1/ AS4.7	Fire in the Earth System	1					
		2			P (BG)		
		3			O (21)		
		4			O (21)		
		5					
BG5.1	Development and application of palaeoproxies in the mollusc shell archive	1				O (22)	
		2				P (BG)	
		3					
		4					
		5					
BG5.2	Natural and anthropogenic environmental change as evidenced in high-resolution continental archives (including Outstanding Young Scientist Lecture)	1				P (BG)	
		2				O (22)	
		3				O (22)	
		4				O (22)	
		5					
BG5.3	Water isotopes in hydrological processes (co-sponsored by EAG)	1					
		2					
		3			O (22)		
		4			P (BG)		
		5					

Session	Title	TB	MO	TU	WE	TH	FR
BG6.1	Geomicrobiology: geochemical and molecular interactions between microbes, minerals and metals (co-sponsored by EAG)	1			P (BG)		
		2					
		3					
		4			O (22)		
		5					
BG6.2	Submarine gas hydrates: physicochemical behavior, fluid geochemistry, and biogeochemical processes	1					
		2		O (21)			
		3		O (21)			
		4		P (BG)			
		5					
BG3.2	Methane in aquatic sediments: sources, chemical interactions, fluxes, and biotopes	1		O (21)			
		2		O (21)			
		3					
		4		P (BG)			
		5					
BG7.1	Traces of life from cells to planets	1		P (BG)			
		2					
		3		O (22)			
		4		O (22)			
		5					
PS2.2/ BG7.3	Astrobiology, Mars and robotic exploration	1					
		2		P (XY)			
		3					
		4		O (22)			
		5		O (22)			
HS4.5	Production, transport, and emission of trace gases from the vadose zone to the atmosphere	1					
		2					
		3		O (34)			
		4					
		5		P (A)			
HS5.20	The role of vegetation in catchment hydrology	1					
		2					
		3	O (2)				
		4					
		5	P (A)				
GI7	Instrumentation for Polar Regions	1					
		2					
		3					P (XY)
		4					
		5					O (7)
OS2	Open Session on Shelf Seas and Coastal Seas	1		O (D)			
		2		O (D)			
		3					
		4	P (XY)	O (D)			
		5	P (XY)	O (D)			
NH4.6	Hydrological, hydraulic and mechanical effects of plants for slope stability	1					
		2					
		3			O (18)		
		4					
		5			P (XY)		
OS7	Ocean Remote Sensing	1			O (3)		
		2			O (3)		
		3					
		4					
		5			P (XY)		
OS8	Open session on SOLAS and sensitivity of marine ecosystems and biogeochemical cycles to climate change	1				O (3)	
		2				O (3)	P (XY)
		3					
		4					
		5			O (6)		
OS9	New aspects of the marine nitrogen cycle's processes and budget	1					
		2					P (XY)
		3				O (3)	
		4					
		5					
SSP5	Global changes in the Palaeozoic: carbon cycle, glaciations, and the terrestrialization process (co-sponsored by IAS)	1					
		2					
		3	O (36)				
		4					
		5	P (A)				
SSP8	Short- and long-term environmental change in the Mesozoic: impact on the biosphere (co-sponsored by IAS)	1		O (36)			
		2		O (36)			
		3					
		4					
		5		P (A)			

Session	Title	TB	MO	TU	WE	TH	FR
SSP9	The early Paleogene Greenhouse: New insights from an interdisciplinary perspective (co-sponsored by IAS)	1			O (36)		
		2					
		3					
		4					
		5			P (A)		
SSS24	Synchrotron radiation in soil and geosciences	1					
		2					
		3		O (25)			
		4		O (25)			
		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)			
SSS29	Biogeochemical Interfaces in Soil	1					O (24)
		2					O (24)
		3					
		4					
		5					P (A)
SSS38	The molecular biogeochemical fate of terrestrial organic carbon	1					
		2	O (24)				
		3					
		4					
		5	P (A)				
SSP17	Paratethys - Mediterranean - Indopacific climatic, biotic and sedimentological evolution (co-sponsored by IAS)	1					
		2					
		3			O (36)		
		4					
		5			P (A)		
CL44	Shifting Seasons: Phenological evidence from observations, reconstructions, measurements and models (co-sponsored by PAGES & ILEAPS)	1		O (14)			
		2		O (14)			
		3					
		4					
		5		P (XY)			
CL30	Interactions between tectonics, climate and biosphere	1	O (27)				
		2					
		3					
		4					
		5	P (XY)				
CL20	Land-climate interactions from models and observations: Implications from past to future climate (co-sponsored by ILEAPS & GLASS)	1					O (27)
		2					O (27)
		3					
		4					
		5		O (28)/ P (XY)			
CR6.3	Biogeochemistry and Soil genesis in seasonally snow-covered areas	1					
		2					O (20)
		3					P (XY)
		4					
		5					
AS3.12	Atmospheric VOC: measurements and interpretation	1	O (1)				
		2					
		3					
		4					
		5		P (XY)			
AS2.1	Air-Land Interactions (General Session)	1			O (1)		
		2			O (1)		
		3					
		4					
		5			O (1)	P (XY)	
AS1.14	African Monsoon Multidisciplinary Analysis (AMMA)	1					O (12)
		2					O (12)
		3					O (12)
		4					P (XY)
		5					
EOS4	The future of European engineering: education and research	1					
		2					
		3			O (9)		
		4			O (9)		
		5			P (EOS)		
OS10	Southern Ocean Variability	1					
		2					
		3					
		4			O (4)		
		5			O (4)	P (XY)	

Session	Title	TB	MO	TU	WE	TH	FR
OS18	European Collaboration for Implementation of Marine Research on Cores (EuroMARC)	1					
		2					
		3					
		4				O (3)	
		5			P (XY)		
HS5.7/ GM8.4	Heterogeneity of catchment processes at multiple scales - benchmarking observations, conceptualisation and prediction	1				O (31)	
		2				O (31)	
		3					
		4					
		5				P (A)	
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)				
NP3.9/ SSS39	Complexity and nonlinearity in soils	1					
		2				P (XY)	
		3					
		4			O (15)		
		5			O (15)		
GI10	The Operational Sentinels: New Possibilities for Science	1					
		2					
		3					O (7)
		4					O (7)
		5					