

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

Session	Title	TB	MO	TU	WE	TH	FR
BG0.1	Presentation of poster only sessions	1					
		2					
		3					
		4					
		5					
BG0.2	Biodiversity science in Europe: new tools and strategies (EuroDIVERSITY) (co-listed in ERE)	1					
		2			P (BG)		
		3			O (20 (N))		
		4					
		5					
BG1.01	From biogenic primary exchange to atmospheric fluxes of reactive trace gases	1					O (19)
		2					O (19)
		3					P (BG)
		4					
		5					
BG1.02	Methane fluxes from permafrost ecosystems in relation to climate change	1					
		2					O (20 (N))
		3					P (BG)
		4					
		5					
NH8.04/ BG1.04	Spatial and temporal patterns of wildfires: models, theory, and reality (co-organized by BG & NH)	1					
		2			P (XY)		
		3					
		4		O (16 (L))			
		5		O (16 (L))			
BG1.05	Analysis and Characterization of Black Carbon in the Environment (co-listed in AS, HS, OS & SSS)	1					
		2			P (BG)		
		3			O (19)		
		4			O (19)		
		5					
NH8.02/ BG1.06	Heavy-metal contamination of water, air, soil, and foodcrops (co-organized by NH and BG) (co-listed in SSS)	1					
		2		P (XY)			
		3					
		4					
		5					
BG1.07	Electron transfer processes in soils, sediments, and aquifers: concepts and cases (co-listed in SSS)	1			O (20 (N))		
		2			P (BG)		
		3					
		4					
		5					
BG1.08	Biogeochemistry and ecohydrology of arid and semi-arid ecosystems (co-listed in HS)	1					
		2					
		3					O (20 (N))
		4					P (BG)
		5					
BG2.01	DOM biogeochemistry and ecosystem function: from soils to oceans (co-listed in OS)	1	O (19)				
		2	O (19)				
		3	P (BG)				
		4					
		5					
BG2.02	Biogeochemistry of coastal seas and continental shelves (co-listed in OS)	1					
		2	P (BG)				
		3	O (19)				
		4	O (19)				
		5					
BG3.03	Fluvial networks and biogeochemistry (co-listed in HS)	1					
		2					
		3	P (BG)				
		4					
		5					
BG5.01/ CL48	Calibration and validation of marine and terrestrial proxies: from empiricism towards a mechanistic understanding (co-organized by CL) (co-listed in SSP)	1				O (20 (N))	
		2					
		3					
		4				P (BG)	
		5					

Session	Title	TB	MO	TU	WE	TH	FR
BG5.02	ABC of biomarkers in biogeosciences: Abundance, Biosynthesis, and isotopic Composition (co-listed in IG & CL)	1					
		2					
		3					
		4					
		5					
BG5.03	Application of stable isotopes in biogeosciences (co-listed in IG)	1			O (19)		
		2			O (19)		
		3			P (BG)		
		4					
		5					
BG5.05	Environmental Micropaleontology: microfossils as proxies of recent and past environmental change (co-listed in CL)	1					
		2				P (BG)	
		3				O (20 (N))	
		4				O (20 (N))	
		5					
BG5.08	Natural and anthropogenic environmental change as evidenced in high-resolution continental archives (co-listed in CL)	1					
		2	P (BG)				
		3	O (20 (N))				
		4	O (20 (N))				
		5					
BG5.09/ CL49	Climate variability and the carbon cycle (past, present and future): The EuroCLIMATE Programme on multi-proxy reconstructions and coupled climate models at European and regional scales (co-organized by CL) (co-listed in CR & SSP) (including OYS Lecture)	1					
		2				P (BG)	
		3				O (25)	
		4				O (25)	
		5				O (25)	
GMPV 20/ BG5.10	Mineral properties and behaviour: the European Mineral Sciences Initiative (EuroMinSci) open session (including the EMU Research Excellence Medal Lecture) (co-organized by BG) (co-listed in CR, NP, SSP)	1		P (A)			
		2		P ()			
		3		O (20 (N))			
		4		O (20 (N))			
		5					
BG6.0/ SSS24	Geomicrobiology: mineralization, weathering and biofilms (co-organized by SSS)	1					
		2	P (BG)				
		3	O (19)				
		4	O (19)				
		5					
BG6.02	Molecular Geomicrobiology: Linking geochemical processes to community structure, genomic and evolutionary biology (co-sponsored by ISME)	1	O (19)				
		2	O (19)				
		3	P (BG)				
		4					
		5					
BG6.03	Ecosystems of the deep sea-floor and their geological drivers (co-listed in SSP, OS & CL)	1					
		2			P (BG)		
		3					
		4				O (19)	
		5					
BG6.04	Methane fluxes on continental margins: ecosystems, drivers and controls (co-listed in CL)	1				O (19)	
		2				O (19)	
		3				O (19)	
		4				P (BG)	
		5					
BG6.05	Biogeochemical interactions in chemosynthetic deep-sea ecosystems: methods, tools and strategies (co-listed in OS)	1				O (20 (N))	
		2				P (BG)	
		3					
		4					
		5					
BG6.06/ NP6.09	Coupling biogeochemistry and ecology to fluid dynamics in aquatic ecosystems (co-organized by NP) (co-listed in OS)	1					
		2				O (20 (N))	
		3					
		4		P (BG)			
		5					
BG7.01/ PS7.3/ PS1.1	Astrobiology, Mars and robotic exploration (co-organized by PS)	1					
		2				P (BG)	
		3				O (19)	
		4				O (19)	
		5					
NP3.02	Scale, Scaling, nonlinear variability and turbulent structures in oceans, atmosphere and the climate (co-listed in AS, BG, CL & OS)	1	O (22)				
		2	O (22)				
		3					
		4		P (XY)			
		5					
NP3.01	Scale, scaling and nonlinear variability in aquatic biogeosystems (co-listed in BG & OS)	1	O (22)				
		2					
		3					
		4		P (XY)			
		5					

Session	Title	TB	MO	TU	WE	TH	FR
HS45	Modelling and observation of hydrological and biological processes in West Africa (co-listed in BG)	1					
		2					P (A)
		3					
		4					O (31)
		5					
HS28	Catchment structure and connectivity (co-listed in GM, BG & SSS)	1					
		2					P (A)
		3					O (31)
		4					O (31)
		5					
OS14	Turbulent mixing in aquatic ecosystems - physical processes and ecosystem responses (co-listed in BG)	1					
		2					
		3	O (7)				
		4					
		5			P (XY)		
SSS4	Organic soils, processes, mechanisms and utilization (co-listed in BG)	1					O (33)
		2					
		3					
		4					
		5					P (A)
SSS8	The mechanisms, especially diffusion, by which soil organic matter influences chemical fate: Chromium as a case study (co-listed in BG)	1					
		2					
		3					O (33)
		4					
		5					P (A)
SSS19	Soil remediation processes: New insights into the role of mineral surfaces and bioaccessibility of residues (co-listed in BG) (including Philippe Duchafour Medal Lecture)	1					
		2					O (33)
		3					
		4					
		5					P (A)
SSS22	Ants in the Soil System. A hydrological, chemical and biological approach (co-listed in BG)	1					
		2					
		3					O (33)
		4					
		5					P (A)
GI4	Instrumentation related to polar regions and the IPY (co-listed in AS, BG, CR & OS)	1					
		2					
		3					
		4		O (2)			
		5		O (2)	P (XY)		
OS15	Fate of riverine matter in marine environments: pathways, feedbacks, characterization and quantification (co-listed in BG)	1					O (7)
		2					
		3					
		4					
		5		P (XY)			
CL1	Organic Carbon-Rich Marine Sediments Past, Present and Future : Oceans and Climate Feedbacks (co-listed in BG & SSP)	1			O (25)		
		2			O (25)		
		3					
		4					
		5			P (XY)		
CL15	Physical and Biogeochemical feedbacks in the Climate System (co-listed in BG)	1					
		2					
		3					P (XY)
		4					O (14)
		5					O (14)
SSP5/ BG8	Microbial Carbonates (co-sponsored by IAS and co-organized by BG)	1					
		2					
		3					
		4					O (32)
		5					
SSP12/ BG9	New proxies in sedimentary geochemistry (co-organized by BG, co-listed in IG & CL)	1					
		2					
		3					O (20 (N))
		4					
		5					P (A)
SSP15/ BG10	Environmental Micropaleontology: microfossils as proxies of recent and past environmental change (co-organized by BG)	1					
		2					
		3					
		4					
		5					
SSP17/ BG11/ CL47	Environmental perturbations during the Palaeozoic-Mesozoic interval: Organic geochemical and palynological proxies (co-organized by BG & CL)	1					
		2					
		3					
		4					O (32)
		5					P (A)

Session	Title	TB	MO	TU	WE	TH	FR
OS3	Ocean Tracers and Anthropogenic CO ₂ (co-listed in BG & CL)	1				O (D)	
		2				O (D)	
		3					
		4					
		5	P (XY)				
OS6	IMBER/SOLAS Special Session (co-listed in AS, BG, CL & NP)	1					
		2					
		3				O (D)	
		4				O (D)	
		5		P (XY)			
HS15	Colloids, microorganisms and coupled hydrological, biological and chemical processes in the unsaturated zone	1					
		2					
		3		O (31)			
		4		P (A)			
		5					
HS16	Coupled hydrological, biological and chemical processes in the unsaturated zone	1					
		2					
		3					
		4					
		5					
HS19	Monitoring and modelling for soil and ecohydrological processes across landscape elements	1					
		2				P (A)	
		3				O (28 (B))	
		4				O (28 (B))	
		5					
HS22	River and stream temperature: dynamics, processes, models and implications	1					
		2					
		3					
		4	O (31)	P (A)			
		5					
HS23	Hydrological, chemical and biological processes in rivers and riparian zones (co-listed in BG & GM)	1					
		2		O (30 (C))			
		3		O (30 (C))	P (A)		
		4		O (30 (C))			
		5					
SSS3	Soil genesis, soil quality, biological indicators and soil functions, including education (co-listed in BG)	1				O (33)	
		2				O (33)	
		3					
		4					
		5			P (A)		
OS1	Open session on large scale ocean circulation variability (co-listed CL, BG) (including Fridjof Nansen Medal Lecture)	1	O (D)				
		2	O (D)				
		3	O (D)				
		4	O (D)				
		5	P (XY)				
OS2	Open session on coastal and shelf oceanography (co-listed BG)	1		O (D)			
		2		O (D)			
		3		O (D)			
		4					
		5		P (XY)			
AS1.14	African Monsoon Multidisciplinary Analysis (AMMA) (co-listed in OS, BG, CL & SSS)	1				O (10 (E1))	
		2				O (10 (E1))	
		3			P (XY)	O (10 (E1))	
		4			P ()	O (10 (E1))	
		5					
TS5.2/ SSP24	Processes of rifting, sediment transport, fluid flow and biogenic activity: EUROMARGINS open session (co-organized by SSP) (co-listed in BG & CL)	1		O (3)		P (XY)	
		2		O (3)			
		3					
		4					
		5					
OS17	Biodiversity Science in the deep sea: EuroDEEP open session (co-listed BG)	1					
		2					
		3					
		4					
		5					