

BG – Biogeosciences – Orals and PICOs**Monday, 08 April**

MO1 , 08:30–10:00	BG2.1 , Peatlands and the Carbon Cycle, 08:30–12:00, Room G4
	BG5.1 , Biospheric feedbacks on the Earth system, 08:30–12:00, Room G5
	ERE4.1/BG1.10/SSS11.3 , Ecosystem Resilience and Adaptation to Energy Technologies (co-organized), 08:30–10:00, Room G12
	HS10.10/BG4.5 , Environmental and anthropogenic change effects on interlinked ecohydrological systems - physical constraints, ecological adaptation and societal decisions (co-organized), 08:30–15:00, Room R1
	SSS7.2/AS4.15/BG2.20/CL2.8/NH8.4 , Soils and Human Health (co-organized), 08:30–10:15, Room B8
MO2 , 10:30–12:00	BG2.1 , Peatlands and the Carbon Cycle, 08:30–12:00, Room G4
	BG5.1 , Biospheric feedbacks on the Earth system, 08:30–12:00, Room G5
	HS8.3.3/SSS2.13 , Trace gases emissions from soils: Sources, mechanisms and process rates (co-listed), 10:30–12:00, Room R14
	HS10.10/BG4.5 , Environmental and anthropogenic change effects on interlinked ecohydrological systems - physical constraints, ecological adaptation and societal decisions (co-organized), 08:30–15:00, Room R1
MO3 , 13:30–15:00	BG2.1 , Peatlands and the Carbon Cycle, 13:30–15:00, Room PICO Spot 4
	BG2.5 , Response of terrestrial ecosystems to climate change: Results from experimental manipulations, 13:30–17:00, Room G4
	BG2.6 , Earth observation for monitoring the global energy, water and carbon cycles over land, 13:30–15:00, Room G5
	CR6.2 , Assessing the effects of global warming on permafrost degradation - contributions from field studies, remote sensing and modelling (co-listed), 13:30–15:00, Room G3
	HS1.4 , Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation (co-listed), 13:30–17:00, Room R8
	HS10.10/BG4.5 , Environmental and anthropogenic change effects on interlinked ecohydrological systems - physical constraints, ecological adaptation and societal decisions (co-organized), 08:30–15:00, Room R1
	PSD17.4 , BG5.1 - Biospheric feedbacks on the Earth system, 13:30–14:15, Room B4
SSS8.1/BG2.22 , Dissolved organic matter - linking soils and aquatic systems (co-organized), 13:30–17:15, Room B8	
MO4 , 15:30–17:00	BG2.5 , Response of terrestrial ecosystems to climate change: Results from experimental manipulations, 13:30–17:00, Room G4
	BG6.2 , Multiproxy organic geochemical and micropalaeontological approaches in Earth Sciences, 15:30–17:00, Room G5
	HS1.4 , Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation (co-listed), 13:30–17:00, Room R8
	PSD19.6 , HS10.10/BG4.5 - Environmental and anthropogenic change effects on interlinked ecohydrological systems - physical constraints, ecological adaptation and societal decisions, 15:30–16:15, Room B7
	SSS8.1/BG2.22 , Dissolved organic matter - linking soils and aquatic systems (co-organized), 13:30–17:15, Room B8

Tuesday, 09 April

TU1 , 08:30–10:00	BG2.11 , Greenhouse gas fluxes in managed ecosystems and regions (including Vladimir Ivanovich Vernadsky Medal Lecture), 08:30–16:30, Room G4
	BG3.1 , Biogeochemistry of coastal seas and continental shelves, 08:30–12:00, Room G5
	GI1.4/SSS6.11 , From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), 08:30–12:00, Room PICO Spot 1
	IG8/BG1.9/GMPV6/PS9.6 , Traditional and non-traditional isotopes in geochronology, thermochronology, cosmogenic exposure dating and ecogeochemistry (co-organized), 08:30–12:00, Room Y10
TU2 , 10:30–12:00	BG2.11 , Greenhouse gas fluxes in managed ecosystems and regions (including Vladimir Ivanovich Vernadsky Medal Lecture), 08:30–16:30, Room G4
	BG3.1 , Biogeochemistry of coastal seas and continental shelves, 08:30–12:00, Room G5
	GI1.4/SSS6.11 , From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), 08:30–12:00, Room PICO Spot 1
	IG8/BG1.9/GMPV6/PS9.6 , Traditional and non-traditional isotopes in geochronology, thermochronology, cosmogenic exposure dating and ecogeochemistry (co-organized), 08:30–12:00, Room Y10
TU3 , 13:30–15:00	BG2.7/SSS1.1 , Molecular, isotopic and associated modeling techniques focusing on terrestrial ecosystem (co-organized), 13:30–15:00, Room G5
	BG2.11 , Greenhouse gas fluxes in managed ecosystems and regions (including Vladimir Ivanovich Vernadsky Medal Lecture), 08:30–16:30, Room G4
	GI1.4/SSS6.11 , From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), 13:30–17:00, Room G1
	HS10.4/SSS2.17 , General Ecohydrology (co-listed), 13:30–17:14, Room R8
TU4 , 15:30–17:00	BG1.2/IG10 , Application of stable isotopes in Biogeosciences (co-sponsored by the European Association of Geochemistry (EAG) (co-organized), 15:30–17:00, Room G5
	BG2.11 , Greenhouse gas fluxes in managed ecosystems and regions (including Vladimir Ivanovich Vernadsky Medal Lecture), 08:30–16:30, Room G4
	GI1.4/SSS6.11 , From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), 13:30–17:00, Room G1
	HS10.4/SSS2.17 , General Ecohydrology (co-listed), 13:30–17:14, Room R8
	PSD17.7 , BG2.17 - Snow-shrub interactions: Exploring the hydrology, biochemistry and ecology of changing tundra ecosystems, 16:30–17:15, Room R7

Wednesday, 10 April

WE1 , 08:30–10:00	BG2.14 , Denitrification in terrestrial and aquatic ecosystems - advances in quantification, controlling factors and process-based modelling, 08:30–10:00, Room G4
	BG7.1 , Methane in oceans and continents: from microbial metabolisms to environmental impacts and climate change, 08:30–12:00, Room G5

	GI1.4/SSS6.11 , From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), 13:30–17:00, Room G1
	HS10.2 , Lakes and climate change – impacts, vulnerability, risk assessment and adaptation strategies (co-listed), 08:30–12:00, Room R6
	PSD13.1 , AS4.11/BG2.19/NH7.3 - Impact of boreal wildfires on tropospheric chemistry, 08:30–09:15, Room R7
WE2 , 10:30–12:00	BG1.6 , Towards a full greenhouse gas balance of the biosphere (terrestrial & aquatic ecosystems), 10:30–17:00, Room G4
	BG7.1 , Methane in oceans and continents: from microbial metabolisms to environmental impacts and climate change, 08:30–12:00, Room G5
	GI1.4/SSS6.11 , From Chernobyl to Fukushima: Development of the Geoscientists' Knowledgebase (co-listed), 13:30–17:00, Room G1
	HS8.1.3/SSS2.10 , Parameter Estimation, Inverse Modelling and Data Assimilation in Subsurface Hydrology (co-listed), 10:30–12:00, Room R1
	HS10.2 , Lakes and climate change – impacts, vulnerability, risk assessment and adaptation strategies (co-listed), 08:30–12:00, Room R6
WE3 , 13:30–15:00	BG1.6 , Towards a full greenhouse gas balance of the biosphere (terrestrial & aquatic ecosystems), 10:30–17:00, Room G4
	BG4.2 , Freshwater Carbon Cycling: Understanding detail of the source, fate and age of carbon in freshwater systems - Measurement methods including novel sensor applications in sediments and water., 13:30–15:00, Room G5
	PSD17.3 , BG4.1 - Linking biogeochemistry and environmental stressors to nutrient cycling and ecology in freshwater systems, 13:30–14:15, Room B4
WE4 , 15:30–17:00	AS4.11/BG2.19/NH7.3 , Impact of boreal wildfires on tropospheric chemistry (co-organized), 15:30–17:00, Room B11
	BG1.6 , Towards a full greenhouse gas balance of the biosphere (terrestrial & aquatic ecosystems), 10:30–17:00, Room G4
	BG4.1 , Linking biogeochemistry and environmental stressors to nutrient cycling and ecology in freshwater systems, 15:30–17:00, Room G5
	SSS1.2 , Element cycling and ecological functions of paddy and wetland soils (co-listed), 15:30–17:15, Room B8
WE5 , 17:30–19:00	PSD17.6 , BG7.1 - Methane in oceans and continents: from microbial metabolisms to environmental impacts and climate change, 17:30–18:15, Room B4
Thursday, 11 April	
TH1 , 08:30–10:00	BG2.3 , Fire in the Earth System, 08:30–12:00, Room G5
	BG2.16 , Greenhouse gases balance of Tropical and Boreal landscapes, 08:30–12:00, Room G4
	HS10.5/SSS2.18 , Peatland Hydrology (co-listed), 08:30–12:00, Room R8
	IG4/AS4.12/BG1.4 , Stable isotopes in atmospheric research (co-organized), 08:30–12:00, Room G7
	OS3.1/BG3.3 , IMBER/SOLAS special session: sensitivity of marine ecosystems and biogeochemical cycles to global change (co-organized), 08:30–12:00, Room Y2
	SSP3.3 , Limnogeology - reading the geological record of lakes (sponsored by the IAS) (co-listed), 08:30–10:00, Room B11
TH2 , 10:30–12:00	BG2.3 , Fire in the Earth System, 08:30–12:00, Room G5
	BG2.16 , Greenhouse gases balance of Tropical and Boreal landscapes, 08:30–12:00, Room G4

	HS10.5/SSS2.18 , Peatland Hydrology (co-listed), 08:30–12:00, Room R8
	IG4/AS4.12/BG1.4 , Stable isotopes in atmospheric research (co-organized), 08:30–12:00, Room G7
	OS3.1/BG3.3 , IMBER/SOLAS special session: sensitivity of marine ecosystems and biogeochemical cycles to global change (co-organized), 08:30–12:00, Room Y2
	PSD17.5 , BG5.2 - Environmental, Socio-economic and Climatic Changes in Northern Eurasia and their Feedbacks to the Global Earth System, 10:30–11:15, Room B4
	SSP1.2 , Mesozoic stratigraphy, paleoceanography and paleoclimate (sponsored by IAS) (including Jean Baptiste Lamarck Medal Lecture) (co-listed), 10:30–17:00, Room B11
TH3 , 13:30–15:00	BG2.8 , Biogeochemistry and ecohydrology of arid and semi-arid ecosystems, 13:30–17:00, Room G4
	BG5.2 , Environmental, Socio-economic and Climatic Changes in Northern Eurasia and their Feedbacks to the Global Earth System, 13:30–17:00, Room G5
	PSD17.1 , BG2.3 - Fire in the Earth System, 13:30–14:15, Room R12
	SSP1.2 , Mesozoic stratigraphy, paleoceanography and paleoclimate (sponsored by IAS) (including Jean Baptiste Lamarck Medal Lecture) (co-listed), 10:30–17:00, Room B11
TH4 , 15:30–17:00	BG2.8 , Biogeochemistry and ecohydrology of arid and semi-arid ecosystems, 13:30–17:00, Room G4
	BG5.2 , Environmental, Socio-economic and Climatic Changes in Northern Eurasia and their Feedbacks to the Global Earth System, 13:30–17:00, Room G5
	SSP1.2 , Mesozoic stratigraphy, paleoceanography and paleoclimate (sponsored by IAS) (including Jean Baptiste Lamarck Medal Lecture) (co-listed), 10:30–17:00, Room B11
Friday, 12 April	
FR1 , 08:30–10:00	BG1.5/AS4.5 , Remote Sensing Applications in the Atmospheric and Biogeosciences (co-organized), 08:30–10:00, Room G5
	BG2.10 , Climate extremes, ecosystems and biogeochemical cycles, 08:30–12:00, Room G4
	SSS0.10/EOS10/BG2.20/HS8.3.11 , Soil Science education challenge: what and how do we teach them? (co-organized), 08:30–10:15, Room B9
	SSS9.5/GM4.8 , Interactions between soils, organisms and hydrogeomorphological processes - understanding landscapes and ecosystems dynamics in response to disturbances regimes (including Arne Richter Award for Outstanding Young Scientists by Simon M. Mudd) (co-listed), 08:30–15:30, Room B6
FR2 , 10:30–12:00	BG2.10 , Climate extremes, ecosystems and biogeochemical cycles, 08:30–12:00, Room G4
	BG3.2 , Coastal ecosystem under anthropogenic pressure: impact on ecosystem structure and services, 10:30–12:00, Room G5
	SSS9.5/GM4.8 , Interactions between soils, organisms and hydrogeomorphological processes - understanding landscapes and ecosystems dynamics in response to disturbances regimes (including Arne Richter Award for Outstanding Young Scientists by Simon M. Mudd) (co-listed), 08:30–15:30, Room B6

FR3, 13:30–15:00	BG2.13/SSS2.3 , Developments in terrestrial biogeochemical models using model-data integration (co-organized), 13:30–17:00, Room G4
	BG2.15 , Plant traits and biogeochemical cycles, 13:30–15:00, Room G5
	SSS9.5/GM4.8 , Interactions between soils, organisms and hydrogeomorphological processes - understanding landscapes and ecosystems dynamics in response to disturbances regimes (including Arne Richter Award for Outstanding Young Scientists by Simon M. Mudd) (co-listed), 08:30–15:30, Room B6
FR4, 15:30–17:00	BG1.3 , Long-term research infrastructures in biogeochemistry, 15:30–17:00, Room G5
	BG2.13/SSS2.3 , Developments in terrestrial biogeochemical models using model-data integration (co-organized), 13:30–17:00, Room G4
	CL5.9/BG1.8/EMRP4.3/ERE5.6/GD8.7/GI3.8/GM11.1/GMPV39/HS12.2/NH5.9/OS3.4/SSP1.4 , Major achievements and perspectives in scientific ocean and continental drilling (co-organized), 15:30–17:00, Room Y8

BG – Biogeosciences – Posters**Monday, 08 April**

MO3 , 13:30–15:00	PSD17.4 , BG5.1 - Biospheric feedbacks on the Earth system, 13:30–14:15, Room B4
MO4 , 15:30–17:00	PSD19.6 , HS10.10/BG4.5 - Environmental and anthropogenic change effects on interlinked ecohydrological systems - physical constraints, ecological adaptation and societal decisions, 15:30–16:15, Room B7
MO5 , 17:30–19:00	BG2.5 , Response of terrestrial ecosystems to climate change: Results from experimental manipulations, Green Posters, G1–G24
	BG2.6 , Earth observation for monitoring the global energy, water and carbon cycles over land, Green Posters, G25–G42
	BG5.1 , Biospheric feedbacks on the Earth system, Green Posters, G43–G71 Related: PSD17.4, see MO3
	BG6.2 , Multiproxy organic geochemical and micropalaeontological approaches in Earth Sciences, Green Posters, G72–G82
	CR6.2 , Assessing the effects of global warming on permafrost degradation - contributions from field studies, remote sensing and modelling (co-listed), Blue Posters, B681–B698
	ERE4.1/BG1.10/SSS11.3 , Ecosystem Resilience and Adaptation to Energy Technologies (co-organized), Blue Posters, B61–B74
	HS1.4 , Patterns in Soil-Vegetation-Atmosphere Systems: Monitoring, Modelling, and Data Assimilation (co-listed), Red Posters, R216–R229
	HS8.3.3/SSS2.13 , Trace gases emissions from soils: Sources, mechanisms and process rates (co-listed), Red Posters, R339–R351
	HS10.10/BG4.5 , Environmental and anthropogenic change effects on interlinked ecohydrological systems - physical constraints, ecological adaptation and societal decisions (co-organized), Red Posters, R389–R424 Related: PSD19.6, see MO4
	SSS7.2/AS4.15/BG2.20/CL2.8/NH8.4 , Soils and Human Health (co-organized), Blue Posters, B605–B624
SSS8.1/BG2.22 , Dissolved organic matter - linking soils and aquatic systems (co-organized), Blue Posters, B625–B642	

Tuesday, 09 April

TU4 , 15:30–17:00	PSD17.7 , BG2.17 - Snow-shrub interactions: Exploring the hydrology, biochemistry and ecology of changing tundra ecosystems, 16:30–17:15, Room R7
TU5 , 17:30–19:00	BG1.2/IG10 , Application of stable isotopes in Biogeosciences (co-sponsored by the European Association of Geochemistry (EAG) (co-organized), Green Posters, G1–G18
	BG2.7/SSS1.1 , Molecular, isotopic and associated modeling techniques focusing on terrestrial ecosystem (co-organized), Green Posters, G19–G33
	BG2.11 , Greenhouse gas fluxes in managed ecosystems and regions (including Vladimir Ivanovich Vernadsky Medal Lecture), Green Posters, G34–G63
	BG2.17 , Snow-shrub interactions: Exploring the hydrology, biochemistry and ecology of changing tundra ecosystems, Green Posters, G64–G75 Related: PSD17.7, see TU4
	BG3.1 , Biogeochemistry of coastal seas and continental shelves, Green Posters, G76–G96

	HS10.4/SSS2.17 , General Ecohydrology (co-listed), Red Posters, R380–R394
	IG8/BG1.9/GMPV6/PS9.6 , Traditional and non-traditional isotopes in geochronology, thermochronology, cosmogenic exposure dating and ecogeochemistry (co-organized), Yellow Posters, Z293–Z306
Wednesday, 10 April	
WE1 , 08:30–10:00	PSD13.1 , AS4.11/BG2.19/NH7.3 - Impact of boreal wildfires on tropospheric chemistry, 08:30–09:15, Room R7
WE3 , 13:30–15:00	PSD17.3 , BG4.1 - Linking biogeochemistry and environmental stressors to nutrient cycling and ecology in freshwater systems, 13:30–14:15, Room B4
WE5 , 17:30–19:00	AS4.11/BG2.19/NH7.3 , Impact of boreal wildfires on tropospheric chemistry (co-organized), Yellow Posters, Z208–Z224 Related: PSD13.1, see WE1
	BG1.6 , Towards a full greenhouse gas balance of the biosphere (terrestrial & aquatic ecosystems), Green Posters, G1–G22
	BG2.14 , Denitrification in terrestrial and aquatic ecosystems - advances in quantification, controlling factors and process-based modelling, Green Posters, G23–G35
	BG4.1 , Linking biogeochemistry and environmental stressors to nutrient cycling and ecology in freshwater systems, Green Posters, G36–G49 Related: PSD17.3, see WE3
	BG4.2 , Freshwater Carbon Cycling: Understanding detail of the source, fate and age of carbon in freshwater systems - Measurement methods including novel sensor applications in sediments and water., Green Posters, G50–G66
	BG7.1 , Methane in oceans and continents: from microbial metabolisms to environmental impacts and climate change, Green Posters, G67–G94 Related: PSD17.6, see WE5
	HS8.1.3/SSS2.10 , Parameter Estimation, Inverse Modelling and Data Assimilation in Subsurface Hydrology (co-listed), Red Posters, R319–R336 Related: PSD19.3, see WE4
	HS10.2 , Lakes and climate change – impacts, vulnerability, risk assessment and adaptation strategies (co-listed), Red Posters, R446–R469
SSS1.2 , Element cycling and ecological functions of paddy and wetland soils (co-listed), Blue Posters, B542–B555	
WE5 , 17:30–19:00	PSD17.6 , BG7.1 - Methane in oceans and continents: from microbial metabolisms to environmental impacts and climate change, 17:30–18:15, Room B4
Thursday, 11 April	
TH2 , 10:30–12:00	PSD17.5 , BG5.2 - Environmental, Socio-economic and Climatic Changes in Northern Eurasia and their Feedbacks to the Global Earth System, 10:30–11:15, Room B4
TH3 , 13:30–15:00	PSD17.1 , BG2.3 - Fire in the Earth System, 13:30–14:15, Room R12
TH5 , 17:30–19:00	BG1.1 , Open session on Biogeosciences (Posters only), Green Posters, G1–G23
	BG2.3 , Fire in the Earth System, Green Posters, G24–G39 Related: PSD17.1, see TH3

	BG2.8 , Biogeochemistry and ecohydrology of arid and semi-arid ecosystems, Green Posters, G40–G53
	BG2.16 , Greenhouse gases balance of Tropical and Boreal landscapes, Green Posters, G54–G66
	BG5.2 , Environmental, Socio-economic and Climatic Changes in Northern Eurasia and their Feedbacks to the Global Earth System, Green Posters, G67–G83 Related: PSD17.5, see TH2
	HS10.5/SSS2.18 , Peatland Hydrology (co-listed), Red Posters, R465–R478
	IG4/AS4.12/BG1.4 , Stable isotopes in atmospheric research (co-organized), Yellow Posters, Z257–Z278
	SSP1.2 , Mesozoic stratigraphy, paleoceanography and paleoclimate (sponsored by IAS) (including Jean Baptiste Lamarck Medal Lecture) (co-listed), Blue Posters, B752–B777
	SSP3.3 , Limnogeology - reading the geological record of lakes (sponsored by the IAS) (co-listed), Blue Posters, B778–B796
	SSS6.1 , Hydrogeomorphic and Ecological Effects of Roads (co-listed), Blue Posters, B476–B483 Related: PSD18.5, see THL
Friday, 12 April	
FR2 , 10:30–12:00	OS3.1/BG3.3 , IMBER/SOLAS special session: sensitivity of marine ecosystems and biogeochemical cycles to global change (co-organized), Blue Posters, B642–B662
FR4 , 15:30–17:00	SSS9.5/GM4.8 , Interactions between soils, organisms and hydrogeomorphological processes - understanding landscapes and ecosystems dynamics in response to disturbances regimes (including Arne Richter Award for Outstanding Young Scientists by Simon M. Mudd) (co-listed), Blue Posters, B553–B565
FR5 , 17:30–19:00	BG1.3 , Long-term research infrastructures in biogeochemistry, Green Posters, G1–G11
	BG1.5/AS4.5 , Remote Sensing Applications in the Atmospheric and Biogeosciences (co-organized), Green Posters, G12–G28
	BG2.10 , Climate extremes, ecosystems and biogeochemical cycles, Green Posters, G29–G51
	BG2.13/SSS2.3 , Developments in terrestrial biogeochemical models using model-data integration (co-organized), Green Posters, G52–G65
	BG2.15 , Plant traits and biogeochemical cycles, Green Posters, G66–G80
	BG3.2 , Coastal ecosystem under anthropogenic pressure: impact on ecosystem structure and services, Green Posters, G81–G92
	CL5.9/BG1.8/EMRP4.3/ERE5.6/GD8.7/GI3.8/GM11.1/GMPV39/HS12.2/NH5.9/OS3.4/SSP1.4 , Major achievements and perspectives in scientific ocean and continental drilling (co-organized), Yellow Posters, Z304–Z315
	SSS0.10/EOS10/BG2.20/HS8.3.11 , Soil Science education challenge: what and how do we teach them? (co-organized), Blue Posters, B529–B536