

CR – Cryospheric Sciences (#EGU18CR) – Orals

Monday, 09 April

MO1 , 08:30–10:00	CR1.4 , Glaciers and ice caps under climate change, 08:30–10:00, Room N1
MO2 , 10:30–12:00	CR1.1 , State of the Cryosphere: Observations and Modelling, 10:30–15:00, Room N1
MO3 , 13:30–15:00	CR1.1 , State of the Cryosphere: Observations and Modelling, 10:30–15:00, Room N1
MO4 , 15:30–17:00	CR5.3 , Subglacial Environments of Ice Sheets and Glaciers, 15:30–17:00, Room N1
	CR6.1 , Rapid changes in sea ice: processes and implications, 15:30–17:00, Room 1.85
	GM2.3/CR2.6/GI3.15/GMPV10.3/HS11.18/NH4.6/SM1.04/SSS13.22 , Environmental Seismology: Deciphering Earth's surface processes with seismic methods (co-organized), 15:30–17:00, Room 0.31
MO6 , 19:00–20:00	ML21/CR , Louis Agassiz Medal Frank Pattyn (co-organized), 19:00–20:00, Room K2

Tuesday, 10 April

TU1 , 08:30–10:00	CR5.4/OS1.16 , Ice shelves and tidewater glaciers - dynamics, interactions, observations, modelling (co-organized), 08:30–12:00, Room 1.85
	IE2.7/AS3.6/BG1.10/CL2.24/CR8.7 , Atmosphere – Cryosphere interaction with focus on transport, deposition and effects of dust, black carbon, and other aerosols (co-organized), 08:30–12:00, Room N2
TU2 , 10:30–12:00	CR5.4/OS1.16 , Ice shelves and tidewater glaciers - dynamics, interactions, observations, modelling (co-organized), 08:30–12:00, Room 1.85
	IE2.7/AS3.6/BG1.10/CL2.24/CR8.7 , Atmosphere – Cryosphere interaction with focus on transport, deposition and effects of dust, black carbon, and other aerosols (co-organized), 08:30–12:00, Room N2
	OS1.7/CR6.2 , Changes in the Arctic Ocean, sea ice and subarctic seas systems: Observations, Models and Perspectives (co-organized), 10:30–12:00, Room N1
TUL , 12:15–13:15	SC3.4/CL6.05/CR8.10/OS6.3 , Polar science career panel (EGU Cryosphere and APECS) (co-organized), 12:15–13:15, Room -2.85
TU3 , 13:30–15:00	CR1.7/OS1.15 , Ice-ocean interactions: past, present and future (co-organized), 13:30–15:00, Room 1.85
	IE3.3/GM2.2/CR2.5/GI3.13/GMPV10.4/HS6.9/NH6.10/SSS13.21 , High Resolution Topography in the Geosciences: Methods and Applications (co-sponsored by JpGU) (co-organized), 13:30–17:00, Room N2
TU4 , 15:30–17:00	CR1.3/CL1.26/GM9.5 , Reconstructing paleo ice dynamics: Comparing and combining field-based evidence and numerical modeling (co-organized), 15:30–17:00, Room 1.85
	IE3.3/GM2.2/CR2.5/GI3.13/GMPV10.4/HS6.9/NH6.10/SSS13.21 , High Resolution Topography in the Geosciences: Methods and Applications (co-sponsored by JpGU) (co-organized), 13:30–17:00, Room N2
	G3.2/CR2.9/GD10.8/HS11.9/OS4.13 , Geophysical Signal Separation in Global Geodesy (including G Division Outstanding ECS Lecture) (co-organized), 15:30–17:00, Room G1
	SC2.15/CL6.03/CR8.12 , Communicating geoscience to the media (co-organized), 15:30–17:00, Room -2.31

Wednesday, 11 April

WE1 , 08:30–10:00	CR1.2/CL4.19 , Modelling ice sheets and glaciers and ice-climate interactions (co-organized), 08:30–15:00, Room L3
	G3.2/CR2.9/GD10.8/HS11.9/OS4.13 , Geophysical Signal Separation in Global Geodesy (including G Division Outstanding ECS Lecture) (co-organized), 08:30–10:00, Room -2.32
WE2 , 10:30–12:00	CR1.2/CL4.19 , Modelling ice sheets and glaciers and ice-climate interactions (co-organized), 08:30–15:00, Room L3
	ML6/CR , Arne Richter Award for Outstanding ECS Lecture by Mathieu Morlighem (co-organized), 11:30–12:00, Room L3
	G3.1/CL4.20/CR8.6/GD11.6/GM11.10/NH11.17 , Glacial isostatic adjustment and its role in the global earth system (co-organized), 10:30–12:00, Room -2.32
WE3 , 13:30–15:00	CR1.2/CL4.19 , Modelling ice sheets and glaciers and ice-climate interactions (co-organized), 08:30–15:00, Room L3
	CR7.1 , Glacial and Permafrost Systems under climate change: State, Risks and Mitigation Measures, 13:30–17:00, Room 1.85
	GM9.1/CL1.27/CR4.7 , Mountain Glaciations and beyond - Glacial landforms and their palaeoclimatic interpretation (co-organized), 13:30–17:00, Room 0.31
	GD8.1/CR6.4/SM4.12/SSP2.18/TS1.6 , The Arctic connection - geodynamic, geologic and oceanographic development of the Arctic (co-organized), 13:30–15:00, Room -2.47
WE4 , 15:30–17:00	CR7.1 , Glacial and Permafrost Systems under climate change: State, Risks and Mitigation Measures, 13:30–17:00, Room 1.85
	GM9.1/CL1.27/CR4.7 , Mountain Glaciations and beyond - Glacial landforms and their palaeoclimatic interpretation (co-organized), 13:30–17:00, Room 0.31
	GD8.2/CL4.21/CR8.4/EMRP4.20/SM4.11/TS1.7 , Unveiling the structure, evolution and influence of the Antarctic Lithosphere (co-organized), 15:30–17:00, Room -2.47

Thursday, 12 April

TH1 , 08:30–10:00	CR8.1/AS1.42 , Clouds and precipitation in the Polar Regions: sources, processes and impacts (co-organized), 08:30–12:00, Room N1
	IE2.1/NP3.4/AS1.8/CL2.08/CR1.9/OS1.20/ST4.7 , Climate Variability Across Scales and Climate States (co-organized), 08:30–12:00, Room N2
	NH6.1/AS5.21/CR7.3/GI2.17/HS11.33/SM3.12/SSS13.54 , Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), 08:30–15:00, Room L6
TH2 , 10:30–12:00	CR8.1/AS1.42 , Clouds and precipitation in the Polar Regions: sources, processes and impacts (co-organized), 08:30–12:00, Room N1
	IE2.1/NP3.4/AS1.8/CL2.08/CR1.9/OS1.20/ST4.7 , Climate Variability Across Scales and Climate States (co-organized), 08:30–12:00, Room N2
	NH6.1/AS5.21/CR7.3/GI2.17/HS11.33/SM3.12/SSS13.54 , Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), 08:30–15:00, Room L6
	CL1.33/BG3.11/CR8.11/GM9.8/OS2.15 , Polar continental margins and fjords – climate, oceanography, tectonics and geohazards (co-organized), 10:30–12:00, Room E2

THL , 12:15–13:15	DM4/CR , Division meeting for Cryospheric Sciences (CR) (co-organized), 12:15–13:15, Room N1
TH3 , 13:30–15:00	CR1.5/AS4.6 , Atmosphere – Cryosphere interaction (co-organized), 13:30–15:00, Room N1
	NH6.1/AS5.21/CR7.3/GI2.17/HS11.33/SM3.12/SSS13.54 , Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), 08:30–15:00, Room L6
TH4 , 15:30–17:00	CR2.3 , Glacier Monitoring from In-situ and Remotely Sensed Observations, 15:30–17:00, Room N1
	SC2.9/AS6.2/CL6.04/CR8.8/OS6.2 , What are the key problems in Climate Science? (co-organized), 15:30–17:00, Room -2.91
Friday, 13 April	
FR1 , 08:30–10:00	CR2.1 , Remote sensing of the cryosphere, 08:30–17:00, Room N1
	NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55 , Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized), 08:30–15:00, Room L6
FR2 , 10:30–12:00	CR2.1 , Remote sensing of the cryosphere, 08:30–17:00, Room N1
	HS2.2.1/CR3.7 , Snow hydrology: Monitoring and modeling of snow (co-organized), 10:30–17:00, Room 2.95
	NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55 , Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized), 08:30–15:00, Room L6
	AS2.3/CR8.2/OS1.17/SSS13.1 , Boundary Layers in High Latitudes (co-organized), 10:30–12:00, Room 0.11
FR3 , 13:30–15:00	CR2.1 , Remote sensing of the cryosphere, 08:30–17:00, Room N1
	HS2.2.1/CR3.7 , Snow hydrology: Monitoring and modeling of snow (co-organized), 10:30–17:00, Room 2.95
	NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55 , Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized), 08:30–15:00, Room L6
FR4 , 15:30–17:00	CR2.1 , Remote sensing of the cryosphere, 08:30–17:00, Room N1
	HS2.2.1/CR3.7 , Snow hydrology: Monitoring and modeling of snow (co-organized), 10:30–17:00, Room 2.95
	GM9.2/CR4.8 , Cold regions geomorphology (co-organized), 15:30–17:00, Room 0.31

CR – Cryospheric Sciences (#EGU18CR) – PICO

Monday, 09 April

MO1 , 08:30–10:00	CR1.6 , The Antarctic Ice Sheet: past, present and future contributions towards global sea level, PICO spot 4
	HS2.2.2/CR5.8 , Water flow paths, supply and quality in a changing cryosphere (co-organized), PICO spot A
MO2 , 10:30–12:00	HS2.2.2/CR5.8 , Water flow paths, supply and quality in a changing cryosphere (co-organized), PICO spot A
MO3 , 13:30–15:00	CR3.5/HS2.2.5 , Advances in measuring and modelling of snow and ice-covered mountainous terrain and in ski resorts (co-organized), PICO spot 4

Tuesday, 10 April

TU1 , 08:30–10:00	CR3.2 , Snow cover processes and avalanche formation, PICO spot 4
TU2 , 10:30–12:00	IE3.1/GI0.3/BG1.35/CR2.8/ESSI4.4/GM2.12/NH6.5 , Close and Long Range Sensing of Environment (co-sponsored by ISPRS) (co-organized), PICO spot 4
TU3 , 13:30–15:00	CR3.4 , Snow avalanche dynamics, hazard mapping and risk management, PICO spot 3
TU4 , 15:30–17:00	CR1.8/CL1.16 , The Quest for Oldest Ice (co-organized), PICO spot 3
	IE3.2/NH6.3/CR2.10/EMRP4.34/GI2.10/GM2.15/GMPV5.5/HS11.54/SSS13.75 , The use of Remotely Piloted Aircraft Systems (RPAS) in monitoring applications and management of natural hazards (co-organized), PICO spot 4

Thursday, 12 April

TH2 , 10:30–12:00	CR2.4 , Applied geophysics and in-situ methods in cryospheric sciences, PICO spot 4
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CR – Cryospheric Sciences (#EGU18CR) – Posters

Monday, 09 April

MO5 , 17:30–19:00	CR1.1 , State of the Cryosphere: Observations and Modelling, Hall X4, X4.1–X4.17
	CR1.4 , Glaciers and ice caps under climate change, Hall X4, X4.18–X4.36
	CR5.3 , Subglacial Environments of Ice Sheets and Glaciers, Hall X4, X4.37–X4.50
	CR6.1 , Rapid changes in sea ice: processes and implications, Hall X4, X4.51–X4.64
	GM2.3/CR2.6/GI3.15/GMPV10.3/HS11.18/NH4.6/SM1.04/SSS13.22 , Environmental Seismology: Deciphering Earth's surface processes with seismic methods (co-organized), Hall X1, X1.294–X1.312

Tuesday, 10 April

TU5 , 17:30–19:00	CR1.3/CL1.26/GM9.5 , Reconstructing paleo ice dynamics: Comparing and combining field-based evidence and numerical modeling (co-organized), Hall X4, X4.1–X4.16
	CR1.7/OS1.15 , Ice-ocean interactions: past, present and future (co-organized), Hall X4, X4.17–X4.30
	CR5.7 , Proglacial Lakes, Hall X4, X4.31–X4.45
	IE3.3/GM2.2/CR2.5/GI3.13/GMPV10.4/HS6.9/NH6.10/SSS13.21 , High Resolution Topography in the Geosciences: Methods and Applications (co-sponsored by JpGU) (co-organized), Hall X2, X2.51–X2.72
	IE2.7/AS3.6/BG1.10/CL2.24/CR8.7 , Atmosphere – Cryosphere interaction with focus on transport, deposition and effects of dust, black carbon, and other aerosols (co-organized), Hall X5, X5.100–X5.124
	G3.2/CR2.9/GD10.8/HS11.9/OS4.13 , Geophysical Signal Separation in Global Geodesy (including G Division Outstanding ECS Lecture) (co-organized), Hall X3, X3.75–X3.93
	OS1.7/CR6.2 , Changes in the Arctic Ocean, sea ice and subarctic seas systems: Observations, Models and Perspectives (co-organized), Hall X4, X4.46–X4.81
CL5.11/CR7.5/HS11.55 , Linking climate and impact models: Challenges, approaches, solutions (co-organized), Hall X5, X5.450–X5.462	

Wednesday, 11 April

WE5 , 17:30–19:00	CR1.2/CL4.19 , Modelling ice sheets and glaciers and ice-climate interactions (co-organized), Hall X5, X5.370–X5.398
	CR5.4/OS1.16 , Ice shelves and tidewater glaciers - dynamics, interactions, observations, modelling (co-organized), Hall X5, X5.399–X5.417
	CR5.6/TS3.8 , Deformation and flow of ice (co-organized), Hall X5, X5.418–X5.425
	CR7.1 , Glacial and Permafrost Systems under climate change: State, Risks and Mitigation Measures, Hall X5, X5.426–X5.452
	GM9.1/CL1.27/CR4.7 , Mountain Glaciations and beyond - Glacial landforms and their palaeoclimatic interpretation (co-organized), Hall X2, X2.1–X2.17

	GD8.1/CR6.4/SM4.12/SSP2.18/TS1.6 , The Arctic connection - geodynamic, geologic and oceanographic development of the Arctic (co-organized), Hall X2, X2.249–X2.266
	GD8.2/CL4.21/CR8.4/EMRP4.20/SM4.11/TS1.7 , Unveiling the structure, evolution and influence of the Antarctic Lithosphere (co-organized), Hall X2, X2.267–X2.287
	G3.1/CL4.20/CR8.6/GD11.6/GM11.10/NH11.17 , Glacial isostatic adjustment and its role in the global earth system (co-organized), Hall X3, X3.122–X3.136
Thursday, 12 April	
TH5, 17:30–19:00	CR1.5/AS4.6 , Atmosphere – Cryosphere interaction (co-organized), Hall X5, X5.429–X5.439
	CR2.3 , Glacier Monitoring from In-situ and Remotely Sensed Observations, Hall X5, X5.440–X5.456
	CR8.1/AS1.42 , Clouds and precipitation in the Polar Regions: sources, processes and impacts (co-organized), Hall X5, X5.457–X5.474
	IE2.1/NP3.4/AS1.8/CL2.08/CR1.9/OS1.20/ST4.7 , Climate Variability Across Scales and Climate States (co-organized), Hall X4, X4.349–X4.372
	NH6.1/AS5.21/CR7.3/GI2.17/HS11.33/SM3.12/SSS13.54 , Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), Hall X1, X1.236–X1.270
	CL1.33/BG3.11/CR8.11/GM9.8/OS2.15 , Polar continental margins and fjords – climate, oceanography, tectonics and geohazards (co-organized), Hall X5, X5.323–X5.339
Friday, 13 April	
FR3, 13:30–15:00	CR2.1 , Remote sensing of the cryosphere, Hall X4, X4.20–X4.54
FR5, 17:30–19:00	HS2.2.1/CR3.7 , Snow hydrology: Monitoring and modeling of snow (co-organized), Hall A, A.53–A.72
	GM9.2/CR4.8 , Cold regions geomorphology (co-organized), Hall X2, X2.15–X2.28
	NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55 , Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized), Hall X1, X1.189–X1.224
	AS2.3/CR8.2/OS1.17/SSS13.1 , Boundary Layers in High Latitudes (co-organized), Hall X5, X5.157–X5.171