

OS – Ocean Sciences (#EGU17OS) – Orals

Monday, 24 April

MO1 , 08:30–10:00	OS1.2/AS1.20/CL1.29 , The North Atlantic: natural variability and global change (co-organized), 08:30–17:00, Room D2
MO2 , 10:30–12:00	OS1.2/AS1.20/CL1.29 , The North Atlantic: natural variability and global change (co-organized), 08:30–17:00, Room D2
	G3.1/CL5.14/CR6.10/GD3.4/GM10.6/NH8.3/OS1.17 , How much does glacial isostatic adjustment contribute to earth system modelling? (co-organized), 10:30–12:00, Room 1.61
	AS2.3/CR6.4/OS5.5/SSS9.27 , Boundary Layers in High Latitudes: Physical and Chemical Exchange Processes over Ocean-Ice-Snow-Land Surfaces (co-organized), 10:30–12:15, Room 0.11
MOL , 12:15–13:15	UMI0 , Plenary, 12:15–13:15, Room E1
MO3 , 13:30–15:00	OS1.2/AS1.20/CL1.29 , The North Atlantic: natural variability and global change (co-organized), 08:30–17:00, Room D2
	CR5.3/OS2.11 , Ice shelves and tidewater glaciers - dynamics, interactions, observations, modelling (co-organized), 13:30–17:00, Room G2
	G3.2/CR2.4/HS11.8/OS4.12 , Fluid signatures in the hydrosphere, ocean and cryosphere from space geodesy and Earth rotation monitoring (co-organized), 13:30–17:00, Room 1.61
	NH4.1/OS4.14/SM3.4 , Earthquake and Tsunami disaster mitigation (co-organized), 13:30–15:00, Room L7
	NH5.7/NP10.2/OS5.3 , Extreme Internal Wave Events: Generation, Transformation, Breaking and Interaction with the Bottom Topography (co-organized), 13:30–15:00, Room L8
MO4 , 15:30–17:00	OS1.2/AS1.20/CL1.29 , The North Atlantic: natural variability and global change (co-organized), 08:30–17:00, Room D2
	CR5.3/OS2.11 , Ice shelves and tidewater glaciers - dynamics, interactions, observations, modelling (co-organized), 13:30–17:00, Room G2
	G3.2/CR2.4/HS11.8/OS4.12 , Fluid signatures in the hydrosphere, ocean and cryosphere from space geodesy and Earth rotation monitoring (co-organized), 13:30–17:00, Room 1.61

Tuesday, 25 April

TU1 , 08:30–10:00	OS1.2/AS1.20/CL1.29 , The North Atlantic: natural variability and global change (co-organized), 08:30–10:00, Room G2
	OS2.1 , Open Session on Coastal and Shelf Seas, 08:30–12:00, Room D2
	OS4.6 , Copernicus Marine Environment Monitoring Service (CMEMS), 08:30–12:00, Room 0.49
	BG3.1/OS3.8 , Biogeochemistry of coastal seas and continental shelves (incl. V.I. Vernadsky Medal Lecture) (co-organized), 08:30–17:00, Room D1
	ERE3.2/OS4.8 , Marine renewable energy; resource characterisation, interactions and impacts (co-organized), 08:30–10:00, Room 0.94
	NH5.2/OS5.7 , Extreme seas and non-linear waves (co-organized), 08:30–12:00, Room L8
TU2 , 10:30–12:00	OS2.1 , Open Session on Coastal and Shelf Seas, 08:30–12:00, Room D2
	OS4.6 , Copernicus Marine Environment Monitoring Service (CMEMS), 08:30–12:00, Room 0.49

	BG3.1/OS3.8 , Biogeochemistry of coastal seas and continental shelves (incl. V.I. Vernadsky Medal Lecture) (co-organized), 08:30–17:00, Room D1
	NH5.2/OS5.7 , Extreme seas and non-linear waves (co-organized), 08:30–12:00, Room L8
TU3 , 13:30–15:00	OS1.7 , Southern Ocean physical and biogeochemical processes from continental shelves to the open ocean (including Fridtjof Nansen Medal Lecture), 13:30–17:00, Room D2
	OS4.2 , Ocean Remote Sensing, 13:30–15:00, Room 0.49
	NH5.4/AS4.30/OS2.7 , Natural Hazards and climate change impacts in coastal areas (co-organized), 13:30–17:00, Room L8
	BG3.1/OS3.8 , Biogeochemistry of coastal seas and continental shelves (incl. V.I. Vernadsky Medal Lecture) (co-organized), 08:30–17:00, Room D1
TU4 , 15:30–17:00	OS1.7 , Southern Ocean physical and biogeochemical processes from continental shelves to the open ocean (including Fridtjof Nansen Medal Lecture), 13:30–17:00, Room D2
	ML12/OS , Fridtjof Nansen Medal Lecture by Lynne D. Talley (co-organized), 16:00–17:00, Room D2
	NH5.4/AS4.30/OS2.7 , Natural Hazards and climate change impacts in coastal areas (co-organized), 13:30–17:00, Room L8
	AS4.4/BG9.1/OS3.7 , Air-sea exchanges: Impacts on Biogeochemistry and Climate (co-organized), 15:30–17:00, Room 0.11
	BG3.1/OS3.8 , Biogeochemistry of coastal seas and continental shelves (incl. V.I. Vernadsky Medal Lecture) (co-organized), 08:30–17:00, Room D1
Wednesday, 26 April	
WE1 , 08:30–10:00	OS1.7 , Southern Ocean physical and biogeochemical processes from continental shelves to the open ocean (including Fridtjof Nansen Medal Lecture), 08:30–10:00, Room 0.49
	OS5.2/CL5.15 , Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean (co-organized), 08:30–12:00, Room -2.32
	CL3.03/AS1.22/CR1.6/OS1.15 , Polar Climate Predictability and Prediction (co-organized), 08:30–10:00, Room 0.96
	CL4.04/OS1.16 , Decadal to millennial scale climate variability of the late Quaternary (co-organized), 08:30–15:00, Room F2
	AS4.10/CL5.12/ESSI1.14/OS4.15 , Recent developments in numerical atmospheric, oceanic and sea-ice models: towards global cloud and eddy resolving simulations on exascale supercomputers (co-organized), 08:30–12:00, Room 0.94
	NH5.3/GM12.8/OS5.8/SSP3.14 , Geological records of extreme wave events (co-organized), 08:30–12:00, Room L8
WE2 , 10:30–12:00	OS5.1/AS1.12 , Internal Gravity Waves (co-organized), 10:30–17:00, Room 0.49
	OS5.2/CL5.15 , Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean (co-organized), 08:30–12:00, Room -2.32
	CL4.04/OS1.16 , Decadal to millennial scale climate variability of the late Quaternary (co-organized), 08:30–15:00, Room F2
	HS10.1/GM12.7/OS2.4 , Estuarine processes (co-organized), 10:30–12:00, Room 2.15
	AS4.10/CL5.12/ESSI1.14/OS4.15 , Recent developments in numerical atmospheric, oceanic and sea-ice models: towards global cloud and eddy resolving simulations on exascale supercomputers (co-organized), 08:30–12:00, Room 0.94
	NH5.3/GM12.8/OS5.8/SSP3.14 , Geological records of extreme wave events (co-organized), 08:30–12:00, Room L8

WE3 , 13:30–15:00	OS1.1 , Open Session on General Circulation, Ocean Climate Variability and Air-Sea Interactions., 13:30–17:00, Room 0.49
	OS5.1/AS1.12 , Internal Gravity Waves (co-organized), 10:30–17:00, Room G2
	CL1.01/AS4.9/CR1.12/HS7.9/OS1.13 , Into the Anthropocene; Observing and interpreting the historical record of temperature and other climate indicators (co-organized), 13:30–15:00, Room 0.14
	CL4.04/OS1.16 , Decadal to millennial scale climate variability of the late Quaternary (co-organized), 08:30–15:00, Room F2
WE4 , 15:30–17:00	OS1.1 , Open Session on General Circulation, Ocean Climate Variability and Air-Sea Interactions., 13:30–17:00, Room 0.49
	OS5.1/AS1.12 , Internal Gravity Waves (co-organized), 10:30–17:00, Room G2
	IE3.7/OS1.23 , Surface Drifters for Addressing Big Questions and Applications in Interdisciplinary Ocean Science (co-org.), 15:30–17:00, Room L2
	CL1.23/BG9.14/CR6.3/OS2.5 , Polar continental margins and fjords – climate, oceanography, tectonics and geohazards (co-organized), 15:30–17:00, Room 0.96
Thursday, 27 April	
TH1 , 08:30–10:00	OS2.2 , Advances in Understanding of the Multi-Disciplinary Dynamics of the Southern European Seas (Mediterranean and Black Sea), 08:30–12:00, Room 0.49
	CL4.10/CR1.13/OS1.12 , Sea level rise: past, present and future (co-organized), 08:30–12:00, Room F2
	CL5.08/AS1.3/OS4.10 , Downscaling: methods and applications (co-organized), 08:30–12:00, Room 0.14
	NH5.1/OS4.13/SM2.6 , Tsunami (co-organized), 08:30–17:00, Room L7
TH2 , 10:30–12:00	OS2.2 , Advances in Understanding of the Multi-Disciplinary Dynamics of the Southern European Seas, 08:30–12:00, Room 0.49
	CL4.10/CR1.13/OS1.12 , Sea level rise: past, present and future (co-organized), 08:30–12:00, Room F2
	CL5.08/AS1.3/OS4.10 , Downscaling: methods and applications (co-organized), 08:30–12:00, Room 0.14
	NH5.1/OS4.13/SM2.6 , Tsunami (co-organized), 08:30–17:00, Room L7
THL , 12:15–13:15	DM16/OS , Division meeting for Ocean Sciences (OS) (co-organized), 12:15–13:15, Room G1
TH3 , 13:30–15:00	OS1.4/CR6.8 , Changes in the Arctic Ocean, sea ice and subarctic seas systems: Observations, Models and Perspectives (co-organized), 13:30–15:00, Room 0.49
	OS3.1/BG9.69 , Ocean biogeochemistry and ecosystems: recent advances and novel approaches to synthesis and prediction (co-organized), 13:30–17:00, Room G2
	NH5.1/OS4.13/SM2.6 , Tsunami (co-organized), 08:30–17:00, Room L7
TH4 , 15:30–17:00	OS1.8/CL2.08 , Tropical & Subtropical Ocean Circulation, Equatorial to Mid-Latitude Air-Sea Interactions (co-organized), 15:30–17:00, Room 0.49
	OS3.1/BG9.69 , Ocean biogeochemistry and ecosystems: recent advances and novel approaches to synthesis and prediction (co-organized), 13:30–17:00, Room G2
	NH5.1/OS4.13/SM2.6 , Tsunami (co-organized), 08:30–17:00, Room L7

Friday, 28 April

FR1, 08:30–10:00	OS1.11 , Ocean salinity / Marine hydrological cycle, 08:30–10:00, Room 0.49
	OS3.1/BG9.69 , Ocean biogeochemistry and ecosystems: recent advances and novel approaches to synthesis and prediction (co-organized), 08:30–10:00, Room G2
	CL1.21/BG9.59/OS2.10/SSP2.8/SSS3.15 , Past climate - isotopic and multi-proxy continental and shallow marine records (co-organized), 08:30–10:00, Room 0.94
	GI1.2/AS4.47/BG9.20/ERE1.8/HS11.9/NH8.4/OS4.11/SSS8.12 , Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), 08:30–12:10, Room L8
FR2, 10:30–12:00	OS1.9/AS1.17/BG9.60/CL4.16 , The Indian Ocean's past, present, and future – A session in Honour of Gary Meyers (co-organized), 10:30–12:00, Room 0.49
	OS2.3 , Oceanography at coastal scales. Modelling, coupling and observations, 10:30–15:00, Room G2
	CR6.1/OS1.18 , Rapid changes in sea ice: processes and implications (co-organized), 10:30–12:00, Room -2.32
	CL1.19/AS4.17/OS1.19 , Advances in integrating ice core, marine and terrestrial records and their timescales (INTIMATE and IntCal) (co-organized), 10:30–12:00, Room 0.94
	GI1.2/AS4.47/BG9.20/ERE1.8/HS11.9/NH8.4/OS4.11/SSS8.12 , Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), 08:30–12:10, Room L8
FR3, 13:30–15:00	OS2.3 , Oceanography at coastal scales. Modelling, coupling and observations, 10:30–15:00, Room G2
	OS4.1 , Open Session on Operational Oceanography, 13:30–15:00, Room 0.49
	CL4.17/AS1.16/OS1.22 , Tropical Climate Variability and Teleconnections: past, present and future (co-organized), 13:30–17:00, Room F2
	CL1.18/OS2.9 , Annually resolved archives of marine climate change (co-organized), 13:30–17:00, Room 0.94
FR4, 15:30–17:00	OS4.7 , Marine Pollution Assessment, Predictions and Risk Mapping, 15:30–17:00, Room 0.49
	CL4.17/AS1.16/OS1.22 , Tropical Climate Variability and Teleconnections: past, present and future (co-organized), 13:30–17:00, Room F2
	GM7.2/ERE2.4/HS11.17/OS2.6 , Sustainable management of river deltas under pressure (co-organized), 15:30–17:00, Room N1
	CL1.18/OS2.9 , Annually resolved archives of marine climate change (co-organized), 13:30–17:00, Room 0.94

OS – Ocean Sciences (#EGU17OS) – PICOs

Thursday, 27 April

TH3, 13:30–15:00	OS4.5, Open session on observing the ocean, PICO spot 5a
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OS – Ocean Sciences (#EGU17OS) – Posters

Monday, 24 April

MO5 , 17:30–19:00	OS1.2/AS1.20/CL1.29 , The North Atlantic: natural variability and global change (co-organized), Hall X4, X4.1–X4.62
	G3.1/CL5.14/CR6.10/GD3.4/GM10.6/NH8.3/OS1.17 , How much does glacial isostatic adjustment contribute to earth system modelling? (co-organized), Hall X3, X3.125–X3.141
	CR5.3/OS2.11 , Ice shelves and tidewater glaciers - dynamics, interactions, observations, modelling (co-organized), Hall X5, X5.397–X5.430
	G3.2/CR2.4/HS11.8/OS4.12 , Fluid signatures in the hydrosphere, ocean and cryosphere from space geodesy and Earth rotation monitoring (co-organized), Hall X3, X3.142–X3.169
	NH4.1/OS4.14/SM3.4 , Earthquake and Tsunami disaster mitigation (co-organized), Hall X4, X4.335–X4.348
	NH5.7/NP10.2/OS5.3 , Extreme Internal Wave Events: Generation, Transformation, Breaking and Interaction with the Bottom Topography (co-organized), Hall X4, X4.382–X4.400
	AS2.3/CR6.4/OS5.5/SSS9.27 , Boundary Layers in High Latitudes: Physical and Chemical Exchange Processes over Ocean-Ice-Snow-Land Surfaces (co-organized), Hall X5, X5.333–X5.348

Tuesday, 25 April

TU5 , 17:30–19:00	OS1.7 , Southern Ocean physical and biogeochemical processes from continental shelves to the open ocean (including Fridtjof Nansen Medal Lecture), Hall X4, X4.1–X4.26
	OS2.1 , Open Session on Coastal and Shelf Seas, Hall X4, X4.27–X4.59
	OS4.2 , Ocean Remote Sensing, Hall X4, X4.60–X4.87
	OS4.6 , Copernicus Marine Environment Monitoring Service (CMEMS), Hall X4, X4.88–X4.120
	NH5.4/AS4.30/OS2.7 , Natural Hazards and climate change impacts in coastal areas (co-organized), Hall X3, X3.189–X3.217
	AS4.4/BG9.1/OS3.7 , Air-sea exchanges: Impacts on Biogeochemistry and Climate (co-organized), Hall X5, X5.409–X5.426
	BG3.1/OS3.8 , Biogeochemistry of coastal seas and continental shelves (incl. V.I. Vernadsky Medal Lecture) (co-organized), Hall A, A.1–A.38
	ERE3.2/OS4.8 , Marine renewable energy; resource characterisation, interactions and impacts (co-organized), Hall X1, X1.37–X1.55
	AS2.6/OS5.4 , Turbulence in Atmospheric and Oceanic Boundary Layers (co-organized), Hall X5, X5.333–X5.351
NH5.2/OS5.7 , Extreme seas and non-linear waves (co-organized), Hall X3, X3.171–X3.188	

Wednesday, 26 April

WE5 , 17:30–19:00	OS1.1 , Open Session on General Circulation, Ocean Climate Variability and Air-Sea Interactions., Hall X4, X4.46–X4.72
	OS4.3 , Advances in water column and seafloor fixed point observatories, Hall X4, X4.73–X4.88
	OS5.1/AS1.12 , Internal Gravity Waves (co-organized), Hall X4, X4.89–X4.123

	OS5.2/CL5.15 , Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean (co-organized), Hall X4, X4.124–X4.153
	IE3.7/OS1.23 , Surface Drifters for Addressing Big Questions and Applications in Interdisciplinary Ocean Science (co-organized), Hall X4, X4.189–X4.208
	CL1.01/AS4.9/CR1.12/HS7.9/OS1.13 , Into the Anthropocene; Observing and interpreting the historical record of temperature and other climate indicators (co-organized), Hall X5, X5.1–X5.21
	CL3.03/AS1.22/CR1.6/OS1.15 , Polar Climate Predictability and Prediction (co-organized), Hall X5, X5.143–X5.156
	CL4.04/OS1.16 , Decadal to millennial scale climate variability of the late Quaternary (co-organized), Hall X5, X5.157–X5.191
	HS10.1/GM12.7/OS2.4 , Estuarine processes (co-organized), Hall A, A.321–A.336
	CL1.23/BG9.14/CR6.3/OS2.5 , Polar continental margins and fjords – climate, oceanography, tectonics and geohazards (co-organized), Hall X5, X5.42–X5.57
	AS4.10/CL5.12/ESSI1.14/OS4.15 , Recent developments in numerical atmospheric, oceanic and sea-ice models: towards global cloud and eddy resolving simulations on exascale supercomputers (co-organized), Hall X5, X5.493–X5.525
	NH5.3/GM12.8/OS5.8/SSP3.14 , Geological records of extreme wave events (co-organized), Hall X3, X3.161–X3.177
Thursday, 27 April	
TH5, 17:30–19:00	OS1.4/CR6.8 , Changes in the Arctic Ocean, sea ice and subarctic seas systems: Observations, Models and Perspectives (co-organized), Hall X4, X4.1–X4.26
	OS1.8/CL2.08 , Tropical & Subtropical Ocean Circulation, Equatorial to Mid-Latitude Air-Sea Interactions (co-organized), Hall X4, X4.27–X4.55
	OS2.2 , Advances in Understanding of the Multi-Disciplinary Dynamics of the Southern European Seas (Mediterranean and Black Sea), Hall X4, X4.56–X4.82
	OS3.1/BG9.69 , Ocean biogeochemistry and ecosystems: recent advances and novel approaches to synthesis and prediction (co-organized), Hall X4, X4.83–X4.118
	CL4.10/CR1.13/OS1.12 , Sea level rise: past, present and future (co-organized), Hall X5, X5.34–X5.66
	CL5.08/AS1.3/OS4.10 , Downscaling: methods and applications (co-organized), Hall X5, X5.120–X5.146
	GI1.2/AS4.47/BG9.20/ERE1.8/HS11.9/NH8.4/OS4.11/SSS8.12 , Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), Hall X4, X4.234–X4.252
	NH5.1/OS4.13/SM2.6 , Tsunami (co-organized), Hall X3, X3.243–X3.292

Friday, 28 April

FR3 , 13:30–15:00	CR6.1/OS1.18 , Rapid changes in sea ice: processes and implications (co-organized), Hall X5, X5.500–X5.511
FR4 , 15:30–17:00	OS2.3 , Oceanography at coastal scales. Modelling, coupling and observations, Hall X4, X4.34–X4.51
FR5 , 17:30–19:00	OS1.9/AS1.17/BG9.60/CL4.16 , The Indian Ocean's past, present, and future – A session in Honour of Gary Meyers (co-organized), Hall X4, X4.1–X4.14
	OS1.11 , Ocean salinity / Marine hydrological cycle, Hall X4, X4.15–X4.33
	OS2.3 , Oceanography at coastal scales. Modelling, coupling and observations, Hall X4, X4.52–X4.69
	OS4.1 , Open Session on Operational Oceanography, Hall X4, X4.70–X4.90
	OS4.7 , Marine Pollution Assessment, Predictions and Risk Mapping, Hall X4, X4.91–X4.105
	CL1.19/AS4.17/OS1.19 , Advances in integrating ice core, marine and terrestrial records and their timescales (INTIMATE and IntCal) (co-organized), Hall X5, X5.19–X5.35
	CL4.17/AS1.16/OS1.22 , Tropical Climate Variability and Teleconnections: past, present and future (co-organized), Hall X5, X5.136–X5.167
	GM7.2/ERE2.4/HS11.17/OS2.6 , Sustainable management of river deltas under pressure (co-organized), Hall X2, X2.170–X2.188
	CL1.18/OS2.9 , Annually resolved archives of marine climate change (co-organized), Hall X5, X5.1–X5.18
CL1.21/BG9.59/OS2.10/SSP2.8/SSS3.15 , Past climate - isotopic and multi-proxy continental and shallow marine records (co-organized), Hall X5, X5.36–X5.56	