

## OS – Ocean Sciences – Oral Sessions

### Monday, 23 April

<b>MO1</b> , 08:30–10:00	<b>GD2.3/GMPV6.8/SM3.6/TS9.8</b> , Heat flow and thermal regime of the lithosphere: Deep and surface processes (co-listed), <b>08:30–10:00</b> in <b>Room 22</b>
	<b>GM8.3</b> , Coastal zone geomorphologic interactions: natural versus human-induced driving factors (co-listed), <b>08:30–12:00</b> in <b>Room 21</b>
	<b>OS2.1</b> , Open Session on Coastal and Shelf Seas, <b>08:30–12:00</b> in <b>Room 5</b>
	<b>OS4.1</b> , Open session on Operational Oceanography, <b>08:30–10:00</b> in <b>Room 9</b>
<b>MO2</b> , 10:30–12:00	<b>GM8.3</b> , Coastal zone geomorphologic interactions: natural versus human-induced driving factors (co-listed), <b>08:30–12:00</b> in <b>Room 21</b>
	<b>OS2.1</b> , Open Session on Coastal and Shelf Seas, <b>08:30–12:00</b> in <b>Room 5</b>
<b>MO3</b> , 13:30–15:00	<b>AS2.2/OS5.3</b> , Turbulence in the atmospheric and oceanic boundary layers (co-organized), <b>13:30–15:15</b> in <b>Room 8</b>
	<b>ESSI1.2/OS4.7</b> , Informatics in Oceanography and Ocean Science (co-organized), <b>13:30–15:00</b> in <b>Room 25</b>
	<b>GM8.4/OS3.6/TS4.10</b> , Seafloor Expression of Tectonic and Geomorphic Processes (co-organized), <b>13:30–15:00</b> in <b>Room 21</b>
	<b>OS2.4</b> , Upwelling events, coastal-offshore exchange processes and their impact on the marine ecosystem under changing climate conditions, <b>13:30–15:00</b> in <b>Room 7</b>
	<b>OS4.4</b> , Physical and biogeochemical ocean modelling: development, assessment, and applications, <b>13:30–17:00</b> in <b>Room 2</b>
	<b>PSD7.14</b> , OS2.1 - Open Session on Coastal and Shelf Seas, <b>14:30–15:15</b> in <b>Room 35</b>
	<b>PSD7.15</b> , OS2.4 - Upwelling events, coastal-offshore exchange processes and their impact on the marine ecosystem under changing climate conditions, <b>13:30–14:15</b> in <b>Room SM2</b>
	<b>SSS3.4/BG2.26/OS3.5</b> , Stabilization of organic matter in soils, sediments and marine dissolved organic matter (co-organized), <b>13:30–15:00</b> in <b>Room 3</b>
<b>MO4</b> , 15:30–17:00	<b>OS4.4</b> , Physical and biogeochemical ocean modelling: development, assessment, and applications, <b>13:30–17:00</b> in <b>Room 2</b>

### Tuesday, 24 April

<b>TU1</b> , 08:30–10:00	<b>OS4.5</b> , SENSEnet: Marine sensor development for the 21st Century, <b>08:30–12:00</b> in <b>Room 9</b>
<b>TU2</b> , 10:30–12:00	<b>OS4.5</b> , SENSEnet: Marine sensor development for the 21st Century, <b>08:30–12:00</b> in <b>Room 9</b>
<b>TU3</b> , 13:30–15:00	<b>CL5.11</b> , EuroFORUM 2012: Major achievements and perspectives in scientific ocean and continental drilling (co-listed), <b>13:30–17:00</b> in <b>Room 16</b>
	<b>OS1.1</b> , Open Session on Ocean Circulation (including Fridtjof Nansen Medal Lecture), <b>13:30–17:00</b> in <b>Room 12</b>
<b>TU4</b> , 15:30–17:00	<b>CL5.11</b> , EuroFORUM 2012: Major achievements and perspectives in scientific ocean and continental drilling (co-listed), <b>13:30–17:00</b> in <b>Room 16</b>
	<b>ESSI1.2/OS4.7</b> , Informatics in Oceanography and Ocean Science (co-organized), <b>13:30–15:00</b> in <b>Room 25</b>
	<b>OS1.1</b> , Open Session on Ocean Circulation (including Fridtjof Nansen Medal Lecture), <b>13:30–17:00</b> in <b>Room 12</b>

	<b>PSD23.1</b> , ESS1.2/OS4.7 - Informatics in Oceanography and Ocean Science, <b>16:30–17:15</b> in <b>Room 40</b>
<b>Wednesday, 25 April</b>	
<b>WE1</b> , 08:30–10:00	<b>BG3.1</b> , Oxygen depletion in land-locked, coastal and open ocean systems of the present and past – driving mechanisms, impacts and recovery (co-listed), <b>08:30–10:00</b> in <b>Room 23</b>
	<b>CL4.3</b> , Mediterranean Climate: from past to future (co-listed), <b>08:30–15:15</b> in <b>Room 16</b>
	<b>NP2.1</b> , ENSO: Dynamics, Predictability and Modelling (co-listed), <b>08:30–10:15</b> in <b>Room 17</b>
	<b>OS4.3</b> , Ocean Remote Sensing, <b>08:30–15:00</b> in <b>Room 5</b>
<b>WE2</b> , 10:30–12:00	<b>CL4.3</b> , Mediterranean Climate: from past to future (co-listed), <b>08:30–15:15</b> in <b>Room 16</b>
	<b>NH5.3/NP 7.3/OS2.6</b> , Nonlinear Dynamics of the Coastal Zone (co-organized), <b>10:30–15:00</b> in <b>Room 1</b>
	<b>OS4.3</b> , Ocean Remote Sensing, <b>08:30–15:00</b> in <b>Room 5</b>
<b>WEL</b> , 12:15–13:15	<b>PSD19.9</b> , NH5.3/NP 7.3/OS2.6 - Nonlinear Dynamics of the Coastal Zone, <b>12:15–13:00</b> in <b>Room 35</b>
<b>WE3</b> , 13:30–15:00	<b>CL4.3</b> , Mediterranean Climate: from past to future (co-listed), <b>08:30–15:15</b> in <b>Room 16</b>
	<b>NH5.3/NP 7.3/OS2.6</b> , Nonlinear Dynamics of the Coastal Zone (co-organized), <b>10:30–15:00</b> in <b>Room 1</b>
	<b>NP3.1</b> , Nonlinear, scaling and complex Physical and Biogeophysical Processes in the Atmosphere and Ocean (co-listed), <b>13:30–15:15</b> in <b>Room 17</b>
	<b>OS4.3</b> , Ocean Remote Sensing, <b>08:30–15:00</b> in <b>Room 5</b>
<b>WE4</b> , 15:30–17:00	<b>AS1.7/NP1.4</b> , Recent Developments in Geophysical Fluid Dynamics (co-listed), <b>15:30–17:00</b> in <b>Room 10</b>
	<b>OS1.1</b> , Open Session on Ocean Circulation (including Fridtjof Nansen Medal Lecture), <b>13:30–17:00</b> in <b>Room D</b>
<b>Thursday, 26 April</b>	
<b>TH1</b> , 08:30–10:00	<b>OS1.2</b> , The North Atlantic: natural variability and global change, <b>08:30–17:00</b> in <b>Room 12</b>
	<b>OS3.1</b> , 'Sensitivity of marine ecosystems, biogeochemical cycles and carbon uptake to global change', <b>08:30–12:00</b> in <b>Room 9</b>
	<b>OS5.1/AS1.8</b> , Internal Gravity Waves (co-organized), <b>08:30–12:00</b> in <b>Room 7</b>
<b>TH2</b> , 10:30–12:00	<b>OS1.2</b> , The North Atlantic: natural variability and global change, <b>08:30–17:00</b> in <b>Room 12</b>
	<b>OS3.1</b> , 'Sensitivity of marine ecosystems, biogeochemical cycles and carbon uptake to global change', <b>08:30–12:00</b> in <b>Room 9</b>
	<b>OS5.1/AS1.8</b> , Internal Gravity Waves (co-organized), <b>08:30–12:00</b> in <b>Room 7</b>
	<b>PSD7.6</b> , OS2.3 - Oceanography at coastal scales. Modelling, coupling and observations, <b>10:30–11:15</b> in <b>Room 37</b>
	<b>PSD7.10</b> , OS4.6/EOS3 - Ocean Science Outreach and Education, <b>11:30–12:15</b> in <b>Room 37</b>
<b>TH3</b> , 13:30–15:00	<b>CL4.5/OS1.8</b> , Global and regional sea level rise and variability: from past to future (co-organized), <b>13:30–17:00</b> in <b>Room 16</b>
	<b>OS1.2</b> , The North Atlantic: natural variability and global change, <b>08:30–17:00</b> in <b>Room 12</b>

	<b>OS5.2</b> , Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean, <b>13:30–17:00</b> in <b>Room 9</b>
	<b>PSD7.11</b> , OS1.4 - The Southern Ocean and its Role in the Global Climate System, <b>13:30–14:15</b> in <b>Room 35</b>
<b>TH4</b> , 15:30–17:00	<b>BG1.7</b> , Terrestrial organic matter dynamics during land-ocean transport in the Arctic. (co-listed), <b>15:30–17:00</b> in <b>Room 24</b>
	<b>CL4.5/OS1.8</b> , Global and regional sea level rise and variability: from past to future (co-organized), <b>13:30–17:00</b> in <b>Room 16</b>
	<b>OS1.2</b> , The North Atlantic: natural variability and global change, <b>08:30–17:00</b> in <b>Room 12</b>
	<b>OS5.2</b> , Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean, <b>13:30–17:00</b> in <b>Room 9</b>
<b>TH5</b> , 17:30–19:00	<b>PSD9.6</b> , CL4.5/OS1.8 - Global and regional sea level rise and variability: from past to future, <b>17:30–18:15</b> in <b>Room 35</b>
<b>Friday, 27 April</b>	
<b>FR1</b> , 08:30–10:00	<b>CL4.2/OS1.3</b> , Inter-Ocean Gateways: Past, Modern and Future Processes and Environments (co-organized), <b>08:30–12:00</b> in <b>Room 16</b>
	<b>CL4.4</b> , Modern and Palaeomonsoon (co-listed), <b>08:30–10:00</b> in <b>Room 13</b>
	<b>NP6.1</b> , Mixing, Diffusion and Lagrangian transport in Geophysical Flows. (co-listed), <b>08:30–10:00</b> in <b>Room 28</b>
	<b>OS1.4</b> , The Southern Ocean and its Role in the Global Climate System, <b>08:30–12:00</b> in <b>Room 5</b>
	<b>OS2.3</b> , Oceanography at coastal scales. Modelling, coupling and observations, <b>08:30–15:00</b> in <b>Room 12</b>
	<b>PSD7.12</b> , OS1.6 - Ocean dynamics and Air-sea interactions within the tropics, <b>08:30–09:15</b> in <b>Room 37</b>
	<b>PSD7.16</b> , OS1.2 - The North Atlantic: natural variability and global change, <b>08:30–09:15</b> in <b>Room SM2</b>
	<b>PSD7.17</b> , OS5.2 - Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean, <b>09:30–10:15</b> in <b>Room 40</b>
<b>FR2</b> , 10:30–12:00	<b>CL4.2/OS1.3</b> , Inter-Ocean Gateways: Past, Modern and Future Processes and Environments (co-organized), <b>08:30–12:00</b> in <b>Room 16</b>
	<b>OS1.4</b> , The Southern Ocean and its Role in the Global Climate System, <b>08:30–12:00</b> in <b>Room 5</b>
	<b>OS2.3</b> , Oceanography at coastal scales. Modelling, coupling and observations, <b>08:30–15:00</b> in <b>Room 12</b>
<b>FR3</b> , 13:30–15:00	<b>CL4.6/AS1.15/OS1.7</b> , Tropical Climate Variability and Teleconnections: past, present and future (co-organized), <b>13:30–17:00</b> in <b>Room 16</b>
	<b>OS1.6</b> , Ocean dynamics and Air-sea interactions within the tropics, <b>13:30–17:00</b> in <b>Room 9</b>
	<b>OS2.2/EG3/CL2.12</b> , Advances in understanding of the multi-disciplinary dynamics of the Southern European Seas (Mediterranean and Black Sea) (co-organized), <b>13:30–17:00</b> in <b>Room 5</b>
	<b>OS2.3</b> , Oceanography at coastal scales. Modelling, coupling and observations, <b>08:30–15:00</b> in <b>Room 12</b>
<b>FR4</b> , 15:30–17:00	<b>CL4.6/AS1.15/OS1.7</b> , Tropical Climate Variability and Teleconnections: past, present and future (co-organized), <b>13:30–17:00</b> in <b>Room 16</b>
	<b>OS1.6</b> , Ocean dynamics and Air-sea interactions within the tropics, <b>13:30–17:00</b> in <b>Room 9</b>
	<b>OS2.2/EG3/CL2.12</b> , Advances in understanding of the multi-disciplinary dynamics of the Southern European Seas (Mediterranean and Black Sea) (co-organized), <b>13:30–17:00</b> in <b>Room 5</b>

## OS – Ocean Sciences – Poster Sessions

### Monday, 23 April

<b>MO3</b> , 13:30–15:00	<b>PSD7.14</b> , OS2.1 - Open Session on Coastal and Shelf Seas, <b>14:30–15:15</b> in <b>Room 35</b>
	<b>PSD7.15</b> , OS2.4 - Upwelling events, coastal-offshore exchange processes and their impact on the marine ecosystem under changing climate conditions, <b>13:30–14:15</b> in <b>Room SM2</b>
<b>MO5</b> , 17:30–19:00	<b>AS2.2/OS5.3</b> , Turbulence in the atmospheric and oceanic boundary layers (co-organized), in <b>Hall X/Y</b> , <b>XY123–XY143</b>
	<b>GD2.3/GMPV6.8/SM3.6/TS9.8</b> , Heat flow and thermal regime of the lithosphere: Deep and surface processes (co-listed), in <b>Hall XL</b> , <b>XL182–XL187</b>
	<b>GM8.3</b> , Coastal zone geomorphologic interactions: natural versus human-induced driving factors (co-listed), in <b>Hall XL</b> , <b>XL254–XL273</b>
	<b>GM8.4/OS3.6/TS4.10</b> , Seafloor Expression of Tectonic and Geomorphic Processes (co-organized), in <b>Hall XL</b> , <b>XL274–XL283</b>
	<b>OS2.1</b> , Open Session on Coastal and Shelf Seas, in <b>Hall X/Y</b> , <b>XY385–XY411</b>   Related: PSD7.14, see MO3
	<b>OS2.4</b> , Upwelling events, coastal-offshore exchange processes and their impact on the marine ecosystem under changing climate conditions, in <b>Hall X/Y</b> , <b>XY412–XY420</b>   Related: PSD7.15, see MO3
	<b>OS4.1</b> , Open session on Operational Oceanography, in <b>Hall X/Y</b> , <b>XY421–XY435</b>
	<b>OS4.4</b> , Physical and biogeochemical ocean modelling: development, assessment, and applications, in <b>Hall X/Y</b> , <b>XY436–XY450</b>
	<b>SSS3.4/BG2.26/OS3.5</b> , Stabilization of organic matter in soils, sediments and marine dissolved organic matter (co-organized), in <b>Hall X/Y</b> , <b>XY565–XY582</b>

### Tuesday, 24 April

<b>TU4</b> , 15:30–17:00	<b>PSD23.1</b> , ESS1.2/OS4.7 - Informatics in Oceanography and Ocean Science, <b>16:30–17:15</b> in <b>Room 40</b>
<b>TU5</b> , 17:30–19:00	<b>CL5.11</b> , EuroFORUM 2012: Major achievements and perspectives in scientific ocean and continental drilling (co-listed), in <b>Hall Z</b> , <b>Z105–Z128</b>
	<b>ESS1.2/OS4.7</b> , Informatics in Oceanography and Ocean Science (co-organized), in <b>Hall XL</b> , <b>XL116–XL126</b>   Related: PSD23.1, see TU4
	<b>NP3.1</b> , Nonlinear, scaling and complex Physical and Biogeophysical Processes in the Atmosphere and Ocean (co-listed), in <b>Hall X/Y</b> , <b>XY287–XY300</b>
	<b>OS1.1</b> , Open Session on Ocean Circulation (including Fridtjof Nansen Medal Lecture), in <b>Hall X/Y</b> , <b>XY333–XY353</b>
	<b>OS4.3</b> , Ocean Remote Sensing, in <b>Hall X/Y</b> , <b>XY354–XY388</b>
	<b>OS4.5</b> , SENSEnet: Marine sensor development for the 21st Century, in <b>Hall X/Y</b> , <b>XY389–XY406</b>

### Wednesday, 25 April

<b>WEL</b> , 12:15–13:15	<b>PSD19.9</b> , NH5.3/NP 7.3/OS2.6 - Nonlinear Dynamics of the Coastal Zone, <b>12:15–13:00</b> in <b>Room 35</b>
<b>WE5</b> , 17:30–19:00	<b>AS1.7/NP1.4</b> , Recent Developments in Geophysical Fluid Dynamics (co-listed), in <b>Hall X/Y</b> , <b>XY30–XY54</b>

	<b>BG3.1</b> , Oxygen depletion in land-locked, coastal and open ocean systems of the present and past – driving mechanisms, impacts and recovery (co-listed), in <b>Poster Area BG, BG51–BG63</b>   Related: PSD20.7, see WE2
	<b>CL4.3</b> , Mediterranean Climate: from past to future (co-listed), in <b>Hall Z, Z106–Z135</b>
	<b>NH5.3/NP 7.3/OS2.6</b> , Nonlinear Dynamics of the Coastal Zone (co-organized), in <b>Hall X/Y, XY274–XY291</b>   Related: PSD19.9, see WEL
	<b>NP2.1</b> , ENSO: Dynamics, Predictability and Modelling (co-listed), in <b>Hall X/Y, XY369–XY382</b>
	<b>OS3.1</b> , 'Sensitivity of marine ecosystems, biogeochemical cycles and carbon uptake to global change', in <b>Hall X/Y, XY447–XY464</b>
<b>Thursday, 26 April</b>	
<b>TH2</b> , 10:30–12:00	<b>PSD7.6</b> , OS2.3 - Oceanography at coastal scales. Modelling, coupling and observations, <b>10:30–11:15</b> in <b>Room 37</b>
	<b>PSD7.10</b> , OS4.6/EOS3 - Ocean Science Outreach and Education, <b>11:30–12:15</b> in <b>Room 37</b>
<b>TH3</b> , 13:30–15:00	<b>PSD7.11</b> , OS1.4 - The Southern Ocean and its Role in the Global Climate System, <b>13:30–14:15</b> in <b>Room 35</b>
<b>TH5</b> , 17:30–19:00	<b>BG1.7</b> , Terrestrial organic matter dynamics during land-ocean transport in the Arctic. (co-listed), in <b>Poster Area BG, BG1–BG17</b>
	<b>CL4.5/OS1.8</b> , Global and regional sea level rise and variability: from past to future (co-organized), in <b>Hall X/Y, XY197–XY228</b>   Related: PSD9.6, see TH5
	<b>OS1.4</b> , The Southern Ocean and its Role in the Global Climate System, in <b>Hall A, A273–A297</b>   Related: PSD7.11, see TH3
	<b>OS2.3</b> , Oceanography at coastal scales. Modelling, coupling and observations, in <b>Hall A, A298–A338</b>   Related: PSD7.6, see TH2
	<b>OS4.6/EOS3</b> , Ocean Science Outreach and Education (co-organized), in <b>Hall A, A339–A344</b>   Related: PSD7.10, see TH2
<b>TH5</b> , 17:30–19:00	<b>PSD9.6</b> , CL4.5/OS1.8 - Global and regional sea level rise and variability: from past to future, <b>17:30–18:15</b> in <b>Room 35</b>
<b>Friday, 27 April</b>	
<b>FR1</b> , 08:30–10:00	<b>PSD7.12</b> , OS1.6 - Ocean dynamics and Air-sea interactions within the tropics, <b>08:30–09:15</b> in <b>Room 37</b>
	<b>PSD7.16</b> , OS1.2 - The North Atlantic: natural variability and global change, <b>08:30–09:15</b> in <b>Room SM2</b>
	<b>PSD7.17</b> , OS5.2 - Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean, <b>09:30–10:15</b> in <b>Room 40</b>
<b>FR2</b> , 10:30–12:00	<b>CL4.6/AS1.15/OS1.7</b> , Tropical Climate Variability and Teleconnections: past, present and future (co-organized), in <b>Hall Z, Z81–Z108</b>
	<b>OS1.2</b> , The North Atlantic: natural variability and global change, in <b>Hall X/Y, XY311–XY350</b>   Related: PSD7.16, see FR1
	<b>OS1.6</b> , Ocean dynamics and Air-sea interactions within the tropics, in <b>Hall X/Y, XY351–XY364</b>   Related: PSD7.12, see FR1
	<b>OS2.2/EG3/CL2.12</b> , Advances in understanding of the multi-disciplinary dynamics of the Southern European Seas (Mediterranean and Black Sea) (co-organized), in <b>Hall X/Y, XY365–XY391</b>
	<b>OS5.1/AS1.8</b> , Internal Gravity Waves (co-organized), in <b>Hall X/Y, XY392–XY409</b>
	<b>OS5.2</b> , Surface Waves and Wave-Coupled Effects in Lower Atmosphere and Upper Ocean, in <b>Hall X/Y, XY410–XY433</b>   Related: PSD7.17, see FR1

<b>FR3</b> , 13:30–15:00	<b>CL4.2/OS1.3</b> , Inter-Ocean Gateways: Past, Modern and Future Processes and Environments (co-organized), in <b>Hall Z</b> , <b>Z30–Z63</b>
	<b>CL4.4</b> , Modern and Palaeomonsoon (co-listed), in <b>Hall Z</b> , <b>Z64–Z80</b>
	<b>NP6.1</b> , Mixing, Diffusion and Lagrangian transport in Geophysical Flows. (co-listed), in <b>Hall X/Y</b> , <b>XY284–XY292</b>