

## SSP – Stratigraphy, Sedimentology & Palaeontology (#EGU17SSP) – Orals

### Monday, 24 April

<b>MO1</b> , 08:30–10:00	<b>SSP2.1</b> , Paleozoic to Mesozoic stratigraphy, paleoceanography and paleoclimate (sponsored by IAS and SEPM), <b>08:30–12:00, Room 1.85</b>
<b>MO2</b> , 10:30–12:00	<b>SSP2.1</b> , Paleozoic to Mesozoic stratigraphy, paleoceanography and paleoclimate (sponsored by IAS and SEPM), <b>08:30–12:00, Room 1.85</b>
<b>MOL</b> , 12:15–13:15	<b>UMI0</b> , Plenary, <b>12:15–13:15, Room E1</b>
<b>MO3</b> , 13:30–15:00	<b>SSP4.3</b> , Integration of geological and biological processes using fossils to understand the evolution of terrestrial and marine ecosystems, <b>13:30–15:00, Room 1.85</b>
	<b>GM12.2/ERE1.9/SSP1.6/TS6.7</b> , Extended Continental Shelf Mapping: a wealth of new scientific challenges (co-organized), <b>13:30–17:00, Room L3</b>
<b>MO4</b> , 15:30–17:00	<b>SSP4.1</b> , Experimental and analytical palaeontology (Sponsored by Paleontological Association), <b>15:30–17:00, Room 1.85</b>
	<b>GD6.1/CR6.6/SM6.10/SSP1.5/TS9.6</b> , The Arctic connection - geodynamic, geologic and oceanographic development of the Arctic (co-organized), <b>15:30–17:00, Room E1</b>
	<b>GM12.2/ERE1.9/SSP1.6/TS6.7</b> , Extended Continental Shelf Mapping: a wealth of new scientific challenges (co-organized), <b>13:30–17:00, Room L3</b>

### Tuesday, 25 April

<b>TU1</b> , 08:30–10:00	<b>SSP2.4/GMPV1.5</b> , Mass Extinctions, Volcanism, Impacts, and Catastrophic Environmental Changes: Observations and Processes (sponsored by IAS and SEPM) (including Arne Richter Award for Outstanding ECSs Lecture by Yadong Sun) (co-organized), <b>08:30–15:00, Room N1</b>
<b>TU2</b> , 10:30–12:00	<b>SSP2.4/GMPV1.5</b> , Mass Extinctions, Volcanism, Impacts, and Catastrophic Environmental Changes: Observations and Processes (sponsored by IAS and SEPM) (including Arne Richter Award for Outstanding ECSs Lecture by Yadong Sun) (co-organized), <b>08:30–15:00, Room N1</b>
	<b>ML7/SSP</b> , Arne Richter Award for Outstanding ECSs Lecture by Yadong Sun (co-organized), <b>10:30–11:00, Room N1</b>
	<b>ML15/SSP</b> , Jean Baptiste Lamarck Medal Lecture by Paul B. Wignall (co-organized), <b>11:00–12:00, Room N1</b>
<b>TU3</b> , 13:30–15:00	<b>SSP2.4/GMPV1.5</b> , Mass Extinctions, Volcanism, Impacts, and Catastrophic Environmental Changes: Observations and Processes (sponsored by IAS and SEPM) (including Arne Richter Award for Outstanding ECSs Lecture by Yadong Sun) (co-organized), <b>08:30–15:00, Room N1</b>
<b>TU4</b> , 15:30–17:00	<b>SSP3.7</b> , Processes and products of deltas, submarine fans and subaquatic sediment gravity flows (sponsored by IAS and SEPM), <b>15:30–17:00, Room N1</b>
	<b>GMPV1.3/EMRP4.32/ERE6.5/SSP1.8/TS3.8</b> , Multi-scale analysis of geological materials: Minerals, Fluids, Cracks, Pores & Permeability (Sponsored by AGU-VGP) (co-organized), <b>15:30–17:00, Room 2.20</b>

### Wednesday, 26 April

<b>WE1</b> , 08:30–10:00	<b>SSP2.6</b> , Salt Giants: causes, processes and impacts on basin evolution, <b>08:30–10:00, Room 1.85</b>
	<b>NH5.3/GM12.8/OS5.8/SSP3.14</b> , Geological records of extreme wave events (co-organized), <b>08:30–12:00, Room L8</b>
<b>WE2</b> , 10:30–12:00	<b>SSP4.2</b> , Carbonate systems: paleoceanography, palaeoecology and stratigraphy, <b>10:30–12:00, Room 1.85</b>

	<b>NH5.3/GM12.8/OS5.8/SSP3.14</b> , Geological records of extreme wave events (co-organized), <b>08:30–12:00, Room L8</b>
<b>WEL</b> , 12:15–13:15	<b>DM19/SSP</b> , Division meeting for Stratigraphy, Sedimentology and Palaeontology (SSP) (co-organized), <b>12:15–13:15, Room L7</b>
<b>WE3</b> , 13:30–15:00	<b>SSP2.2</b> , The Need for Integrated Stratigraphy - Recent advances in cyclostratigraphy, astrochronology, radioisotopic dating and age modelling, <b>13:30–15:00, Room 1.85</b>
<b>WE4</b> , 15:30–17:00	<b>SSP3.11</b> , Sedimentary and diagenetic mineral archives: biotically-controlled, microbially-induced and abiotic processes, <b>15:30–17:00, Room 1.85</b>
<b>Thursday, 27 April</b>	
<b>TH1</b> , 08:30–10:00	<b>SSP4.10</b> , Benthic foraminifera as proxies to understand modern and ancient environments, <b>08:30–10:00, Room 1.85</b>
	<b>TS4.2/GM5.4/SSP3.8</b> , Sedimentary basins: from deep to surface processes (co-sponsored by the ILP Task Force VI Sedimentary Basins) (co-organized), <b>08:30–10:00, Room D3</b>
<b>TH2</b> , 10:30–12:00	<b>SSP3.6</b> , Limnogeology - reading the geological record of lakes (sponsored by IAS and SEPM), <b>10:30–12:00, Room 1.85</b>
<b>TH3</b> , 13:30–15:00	<b>SSP1.3/EMRP4.37/GI3.7</b> , Achievements and perspectives in scientific ocean and continental drilling (co-organized), <b>13:30–17:00, Room 1.85</b>
	<b>CL1.12/BG9.16/SSP4.9</b> , Tree ring proxies of climatic and environmental change (co-organized), <b>13:30–17:00, Room E2</b>
<b>TH4</b> , 15:30–17:00	<b>SSP1.3/EMRP4.37/GI3.7</b> , Achievements and perspectives in scientific ocean and continental drilling (co-organized), <b>13:30–17:00, Room 1.85</b>
	<b>CL1.12/BG9.16/SSP4.9</b> , Tree ring proxies of climatic and environmental change (co-organized), <b>13:30–17:00, Room E2</b>
<b>Friday, 28 April</b>	
<b>FR1</b> , 08:30–10:00	<b>SSP4.7/CL1.08/NH2.9/SM1.4</b> , Integrating stratigraphy, sedimentology, paleontology and paleoclimate in human evolution and dispersal studies - from early hominins to the Anthropocene (co-organized), <b>08:30–12:00, Room 1.85</b>
	<b>CL1.21/BG9.59/OS2.10/SSP2.8/SSS3.15</b> , Past climate - isotopic and multi-proxy continental and shallow marine records (co-organized), <b>08:30–10:00, Room 0.94</b>
	<b>GM9.1/HS11.18/SSP3.5</b> , Fluvial Geomorphology Across Scales (co-organized), <b>08:30–12:00, Room N1</b>
<b>FR2</b> , 10:30–12:00	<b>SSP4.7/CL1.08/NH2.9/SM1.4</b> , Integrating stratigraphy, sedimentology, paleontology and paleoclimate in human evolution and dispersal studies - from early hominins to the Anthropocene (co-organized), <b>08:30–12:00, Room 1.85</b>
	<b>GM9.1/HS11.18/SSP3.5</b> , Fluvial Geomorphology Across Scales (co-organized), <b>08:30–12:00, Room N1</b>
<b>FR3</b> , 13:30–15:00	<b>SSP3.13/GM9.10/HS11.41</b> , Sedimentological aspects of supercritical flows: Upper flow-regime structures, bedforms and fluid mechanics (co-organized), <b>13:30–14:45, Room 1.85</b>
	<b>GMPV1.4/BG9.68/SSP3.15</b> , From hydrothermal systems to mud volcanoes: structure, evolution and monitoring of active and fossile piercements (co-organized), <b>13:30–17:00, Room D1</b>
<b>FR4</b> , 15:30–17:00	<b>SSP3.4</b> , Provenance analysis and sediment fingerprinting, <b>15:30–17:00, Room 1.85</b>
	<b>GMPV1.4/BG9.68/SSP3.15</b> , From hydrothermal systems to mud volcanoes: structure, evolution and monitoring of active and fossile piercements (co-organized), <b>13:30–17:00, Room D1</b>

## SSP – Stratigraphy, Sedimentology & Palaeontology (#EGU17SSP) – PICOs

### Monday, 24 April

<b>MO4</b> , 15:30–17:00	<b>TS8.1/G6.3/GI2.14/GM3.6/SSP1.4.</b> , Digital mapping and 3D visualization approaches in the Earth Sciences (co-organized), <b>PICO spot 5a</b>
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### Thursday, 27 April

<b>TH1</b> , 08:30–10:00	<b>SSP1.1</b> , Open session on stratigraphy, sedimentology and palaeontology (sponsored by IAS and SEPM), <b>PICO spot 5b</b>
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<b>TH2</b> , 10:30–12:00	<b>SSP1.1</b> , Open session on stratigraphy, sedimentology and palaeontology (sponsored by IAS and SEPM), <b>PICO spot 5b</b>
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<b>TH4</b> , 15:30–17:00	<b>GM4.5/SSP3.2</b> , Unifying understanding of bedforms across environments (co-organized), <b>PICO spot 1</b>
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## SSP – Stratigraphy, Sedimentology & Palaeontology (#EGU17SSP) – Posters

### Monday, 24 April

<b>MO2</b> , 10:30–12:00	<b>GM12.2/ERE1.9/SSP1.6/TS6.7</b> , Extended Continental Shelf Mapping: a wealth of new scientific challenges (co-organized), <b>Hall X2, X2.88–X2.115</b>
<b>MO4</b> , 15:30–17:00	<b>SSP2.1</b> , Paleozoic to Mesozoic stratigraphy, paleoceanography and paleoclimate (sponsored by IAS and SEPM), <b>Hall X2, X2.1–X2.21</b>
	<b>SSP4.3</b> , Integration of geological and biological processes using fossils to understand the evolution of terrestrial and marine ecosystems, <b>Hall X2, X2.36–X2.53</b>
<b>MO5</b> , 17:30–19:00	<b>SSP4.1</b> , Experimental and analytical palaeontology (Sponsored by Paleontological Association), <b>Hall X2, X2.22–X2.35</b>
	<b>GD6.1/CR6.6/SM6.10/SSP1.5/TS9.6</b> , The Arctic connection - geodynamic, geologic and oceanographic development of the Arctic (co-organized), <b>Hall X2, X2.314–X2.329</b>

### Tuesday, 25 April

<b>TU5</b> , 17:30–19:00	<b>SSP2.4/GMPV1.5</b> , Mass Extinctions, Volcanism, Impacts, and Catastrophic Environmental Changes: Observations and Processes (sponsored by IAS and SEPM) (including Arne Richter Award for Outstanding ECSs Lecture by Yadong Sun) (co-organized), <b>Hall X1, X1.334–X1.357</b>
	<b>SSP3.7</b> , Processes and products of deltas, submarine fans and subaquatic sediment gravity flows (sponsored by IAS and SEPM), <b>Hall X1, X1.358–X1.381</b>
	<b>GI3.6/EMRP4.18/ERE5.9/SSP1.7/SSS12.27</b> , Geoscientific Underground Labs and Test Sites (co-organized), <b>Hall X4, X4.215–X4.224</b>
	<b>GMPV1.3/EMRP4.32/ERE6.5/SSP1.8/TS3.8</b> , Multi-scale analysis of geological materials: Minerals, Fluids, Cracks, Pores & Permeability (Sponsored by AGU-VGP) (co-organized), <b>Hall X2, X2.344–X2.369</b>
	<b>SSS7.12/BG9.24/HS8.3.13/SSP3.12</b> , Microenvironments in soils and sediments - linking concepts, experiments and models (co-organized), <b>Hall X1, X1.249–X1.260</b>

### Wednesday, 26 April

<b>WE4</b> , 15:30–17:00	<b>SSP2.2</b> , The Need for Integrated Stratigraphy - Recent advances in cyclostratigraphy, astrochronology, radioisotopic dating and age modelling, <b>Hall X2, X2.1–X2.19</b>
	<b>SSP2.6</b> , Salt Giants: causes, processes and impacts on basin evolution, <b>Hall X2, X2.20–X2.33</b>
	<b>SSP4.2</b> , Carbonate systems: paleoceanography, palaeoecology and stratigraphy, <b>Hall X2, X2.51–X2.66</b>
<b>WE5</b> , 17:30–19:00	<b>SSP3.11</b> , Sedimentary and diagenetic mineral archives: biotically-controlled, microbially-induced and abiotic processes, <b>Hall X2, X2.34–X2.50</b>
	<b>NH5.3/GM12.8/OS5.8/SSP3.14</b> , Geological records of extreme wave events (co-organized), <b>Hall X3, X3.161–X3.177</b>

## Thursday, 27 April

<b>TH3</b> , 13:30–15:00	<b>SSP4.10</b> , Benthic foraminifera as proxies to understand modern and ancient environments, <b>Hall X2, X2.41–X2.58</b>
<b>TH5</b> , 17:30–19:00	<b>SSP1.3/EMRP4.37/GI3.7</b> , Achievements and perspectives in scientific ocean and continental drilling (co-organized), <b>Hall X2, X2.1–X2.29</b>
	<b>SSP3.6</b> , Limnogeology - reading the geological record of lakes (sponsored by IAS and SEPM), <b>Hall X2, X2.30–X2.40</b>
	<b>TS4.2/GM5.4/SSP3.8</b> , Sedimentary basins: from deep to surface processes (co-sponsored by the ILP Task Force VI Sedimentary Basins) (co-organized), <b>Hall X2, X2.289–X2.310</b>
	<b>CL1.12/BG9.16/SSP4.9</b> , Tree ring proxies of climatic and environmental change (co-organized), <b>Hall X5, X5.1–X5.33</b>

## Friday, 28 April

<b>FR3</b> , 13:30–15:00	<b>SSP4.7/CL1.08/NH2.9/SM1.4</b> , Integrating stratigraphy, sedimentology, paleontology and paleoclimate in human evolution and dispersal studies - from early hominins to the Anthropocene (co-organized), <b>Hall X2, X2.35–X2.54</b>
<b>FR5</b> , 17:30–19:00	<b>SSP3.4</b> , Provenance analysis and sediment fingerprinting, <b>Hall X2, X2.1–X2.20</b>
	<b>SSP3.13/GM9.10/HS11.41</b> , Sedimentological aspects of supercritical flows: Upper flow-regime structures, bedforms and fluid mechanics (co-organized), <b>Hall X2, X2.21–X2.34</b>
	<b>CL1.21/BG9.59/OS2.10/SSP2.8/SSS3.15</b> , Past climate - isotopic and multi-proxy continental and shallow marine records (co-organized), <b>Hall X5, X5.36–X5.56</b>
	<b>GM9.1/HS11.18/SSP3.5</b> , Fluvial Geomorphology Across Scales (co-organized), <b>Hall X2, X2.189–X2.210</b>
	<b>GMPV1.4/BG9.68/SSP3.15</b> , From hydrothermal systems to mud volcanoes: structure, evolution and monitoring of active and fossile piercements (co-organized), <b>Hall X2, X2.341–X2.365</b>