

## EGU Session GM6.2 Deltaic and coastal wetland stability and risk

Time	Presenting Author	Title
1615		Session Introduction
1620	<b>Maria J. Santos</b>	Are locked-in or living deltas more at risk?
1623	<b>Jaap Nienhuis</b>	Global morphodynamic response of deltas to sea-level rise in the 21st century
1626	<b>Tonia Astrid Capuano</b> , <i>Zhan Hu</i>	Alterations in the thermo-haline structure and hydrodynamical circulation within the deltaic regions and continental platforms adjacent to the San Francisco and Parnaiba rivers (NE Brazil) due to the effects of global climate changes. <i>Monitoring bed level dynamics in mangrove wetlands by Laser ranging technique</i>
1632	<b>Clementine Chirol</b>	Effect of belowground structure on coastal wetland erosion resistance using X-Ray Computed Tomography
1635	<b>Richard Hale</b>	Dynamics of sediment delivery to mangrove forests of the Ganges-Brahmaputra-Meghna Delta
1638	<b>Philip S.J. Minderhoud</b>	The existential crisis of the Mekong delta: Impact of accelerating land subsidence
1641	<b>Andrea D'Alpaos</b>	Drivers and outcomes of salt marsh erosion
1644	<b>Helen Brooks</b>	The influence of grain size and frictional/cohesive shear strength components on UK salt marsh substrate stability
1647	<b>Xiaorong Li</b>	Uncertainties of creek evolution in coastal wetlands facing sea-level rise
1650	<b>Olivia Shears</b>	Erodibility of vertically exposed salt marsh sediments
1653	<i>Paolo Paron</i>	<i>Preliminary identification of drivers and pathways of change in the Socio-Physical dynamics of the Western Indian Ocean Deltas</i> <i>not presented</i>
1656	<b>Martin O. Reader</b>	Impacts of Global River Delta Modification on Ecosystem Services
1659	<b>Craig Hutton</b>	Application of an Integrated Assessment Model (IAM) to for strategic scale delta assessment of socio-ecological risk: Supporting Policy in Coastal Bangladesh
1700	<b>Elise Grenard-Grand</b>	Secular evolution of sandy coasts of Normandy (NW France)
1703	<b>Kathryn Lee</b>	Coastal domain analysis for geo-coastal assessment in Great Britain
1706	<b>Murray Scown</b>	Environmental context will affect achieving long-term Sustainable Development Goals: The case of coastal deltas
1709	<b>Qinzi Cheng</b>	<i>Stratigraphic heterogeneity in the Yangtze River subaqueous delta revealed by chronological and mineral magnetic approaches</i>
1712	<i>Aleksei Aksenov</i>	<i>Late Pleistocene-Holocene tectonic asymmetry of the Lena Delta</i>
1715	<b>Andy Emery</b>	<i>Sedimentary and geomorphic responses to changes in rate of sea-level rise: Holocene marine transgression of Dogger Bank, North Sea</i>
1718	<b>Livio Ronchi</b>	<i>Coastal landforms evolution during the Holocene marine transgression: a witness from the past to understand the future</i>
1721	<b>Bastien Peuziat</b>	The intertidal sanding up of the Seine-Maritime coast (Normandy, France): Sedimentological and geochemical approaches.
1724	<b>Craig Heatherington</b>	Indurated sand horizon influences present day coastal geomorphology of nearshore Northern Moreton Bay, South-East Queensland, Australia
1727	<b>Michaela Falkenroth</b>	<i>The phoenix of beachrocks: Simultaneous breakdown and formation of an unusual facies on a high energy coastline (Mission Rocks Beach, South Africa)</i>
1730	<b>Carlos Ribeiro</b>	Nature and origin of gas trapped in sediments in the Tagus River ebb-delta, off Lisbon, Portugal, the TAGUSGAS project
1733	<b>Jana Cox</b>	The effect of climate change on sediment distribution and delivery within the Rhine-Meuse Delta
1736	<b>Grigorios Vasilopoulos</b>	<i>Sediment starvation is the primary factor of tidal ingress in the Mekong delta</i>
1739	<b>Niccolò Ragno</b>	Morphodynamic equilibrium of tidal bifurcations
1742	<b>Joshua Johnson</b>	<i>The effects of fluvial and basal sediment properties on the morphodynamics of deltas undergoing sediment supply reduction</i>
1745	<b>Daniel Parsons</b>	Controls on mud distribution and architecture along the fluvial-to-marine transition
1748		Session wrap up and any other business