

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

Time	Presenting Author	Title
1615		Session Introduction
1620	Maria J. Santos	Are locked-in or living deltas more at risk?
1623	Jaap Nienhuis	Global morphodynamic response of deltas to sea-level rise in the 21st century
1626	Tonia Astrid Capuano,	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.
1629	<i>Zhan Hu</i>	<i>Monitoring bed level dynamics in mangrove wetlands by Laster ranging technique</i>
1632	Clementine Chirol	Effect of belowground structure on coastal wetland erosion resistance using X-Ray Computed Tomography
1635	Richard Hale	Dynamics of sediment delivery to mangrove forests of the Ganges-Brahmaputra-Meghna Delta
1638	Philip S.J. Minderhoud	The existential crisis of the Mekong delta: Impact of accelerating land subsidence
1641	Andrea D'Alpaos	Drivers and outcomes of salt marsh erosion
1644	Helen Brooks	The influence of grain size and frictional/cohesional shear strength components on UK salt marsh substrate stability
1647	Xiaorong Li	Uncertainties of creek evolution in coastal wetlands facing sea-level rise
1650	Olivia Shears	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	Martin O. Reader	Impacts of Global River Delta Modification on Ecosystem Services
1659	Craig Hutton	Application of an Integrated Assessment Model (IAM) to for strategic scale delta assessment of socio-ecological risk: Supporting Policy in Coastal Bangladesh
1700	Elise Grenard-Grand	Secular evolution of sandy coasts of Normandy (NW France)
1703	Kathryn Lee	Coastal domain analysis for geo-coastal assessment in Great Britain
1706	Murray Scown	Environmental context will affect achieving long-term Sustainable Development Goals: The case of coastal deltas
1709	Qinzi Cheng	<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	<i>Andy Emery</i>	<i>Sedimentary and geomorphic responses to changes in rate of sea-level rise: Holocene marine transgression of Dogger Bank, North Sea</i>
1718	<i>Livio Ronchi</i>	<i>Coastal landforms evolution during the Holocene marine transgression: a witness from the past to understand the future</i>
1721	Bastien Peuziat	The intertidal sanding up of the Seine-Maritime coast (Normandy, France): Sedimentological and geochemical approaches.
1724	Craig Heatherington	Indurated sand horizon influences present day coastal geomorphology of nearshore Northern Moreton Bay, South-East Queensland, Australia
1727	<i>Michaela Falkenroth</i>	<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	Carlos Ribeiro	Nature and origin of gas trapped in sediments in the Tagus River ebb-delta, off Lisbon, Portugal, the TAGUSGAS project
1733	Jana Cox	The effect of climate change on sediment distribution and delivery within the Rhine-Meuse Delta
1736	<i>Grigorios Vasilopoulos</i>	<i>Sediment starvation is the primary factor of tidal ingress in the Mekong delta</i>
1739	Niccolò Ragno	Morphodynamic equilibrium of tidal bifurcations
1742	<i>Joshua Johnson</i>	<i>The effects of fluvial and basal sediment properties on the morphodynamics of deltas undergoing sediment supply reduction</i>
1745	Daniel Parsons	Controls on mud distribution and architecture along the fluvial-to-marine transition
1748		Session wrap up and any other business