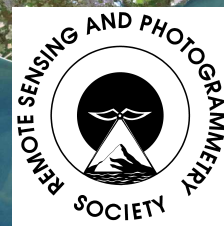




Remote Sensing and Photogrammetry Society Annual Conference 2011



13–15 September 2011

Earth Observation in a Changing World

Call for papers:

We invite you to submit papers on the example topics listed below to the RSPSoc 2011 Annual Conference “Earth Observation in a Changing World”. We particularly invite papers related to RSPSoc Special Interest Groups, ISPRS Working Groups, and NERC Earth Observation Technology Cluster themes. For details on the submission process see the conference website (www.rspsoc2011.org).

<p><u>Techniques</u></p> <ul style="list-style-type: none"> • Photogrammetry • Lidar • Radar • Close range sensing • Field spectrometry • Hyper-spectral 	<p><u>Sensors & instrumentation</u></p> <ul style="list-style-type: none"> • Image sensor technology • UAVs • Hyperspectral lidar • Wireless sensor networks • FT Infra-Red Spectroscopy • GEOSS 	<p><u>Methods & algorithms</u></p> <ul style="list-style-type: none"> • Classification • Object-based analysis • Feature extraction • Hyper-temporal • Uncertainty & fuzziness • Interferometry 	<p><u>Data management</u></p> <ul style="list-style-type: none"> • Data quality • Data integration • Calibration - validation <p><u>Mapping</u></p> <ul style="list-style-type: none"> • Mobile & real-time mapping • Participatory GIS • Decision support systems
<p><u>Natural environment</u></p> <ul style="list-style-type: none"> • Geology • Soils & soil moisture • Vegetation: peatland, forests & wetlands • Habitat & biodiversity • Ecosystem services 	<p><u>Environmental monitoring</u></p> <ul style="list-style-type: none"> • Land Use - Land Cover • Urbanisation • Agricultural production • Deforestation & degradation • Fires & emissions • Burn scars 	<p><u>Environmental modelling</u></p> <ul style="list-style-type: none"> • Carbon accounting • Biomass production • Biophysical parameters • Natural hazards • Disaster mapping • Monitoring recovery 	<p><u>Coastal & marine</u></p> <ul style="list-style-type: none"> • Ocean colour • Sea bed mapping • Sea surface temperatures <p><u>Snow & ice</u></p> <ul style="list-style-type: none"> • Glaciology • Ice cap dynamics • Sea ice
<p><u>Human environment</u></p> <ul style="list-style-type: none"> • Urban landscapes • Cultural heritage • Social-environmental interactions 	<p><u>Climate change</u></p> <ul style="list-style-type: none"> • Monitoring essential climate variables • Sea-land-atmosphere interactions 	<p><u>Atmosphere & weather</u></p> <ul style="list-style-type: none"> • Atmospheric composition & profiling • Flux measurements • Clouds & aerosols 	<p><u>Communication</u></p> <ul style="list-style-type: none"> • 3D visualisation • EO in education • Web tools & e-learning

Important dates:

- 31st Jan. 2011: Abstract submission portal opens
- 31st March 2011: Deadline for Abstract submission
- 15th May 2011: Notification of Abstract acceptance
- 30th June 2011: Deadline for submission of full paper

Further information:

Conference Convenor: Dr Ross Hill
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