



**1<sup>ST</sup> - 3<sup>RD</sup> SEPTEMBER 2010**

**REMOTE SENSING AND PHOTOGRAMMETRY SOCIETY ANNUAL CONFERENCE  
WITH IRISH EARTH OBSERVATION SYMPOSIUM**

**HOSTED BY UNIVERSITY COLLEGE CORK, WITH THE NATIONAL MARITIME  
COLLEGE OF IRELAND**

**FIRST CALL FOR PAPERS**

We invite you to submit papers on the following themes for the RSPSoc 2010 annual conference and Irish Earth Observation Symposium entitled *Visualising the Earth: From the Sea-bed to the Cloud-tops*. The conference provides a forum to present and discuss techniques and applications of remote sensing, with both oral and poster presentation sessions. **Deadline for abstract submission is April 2<sup>nd</sup> 2010**, and all submissions will be reviewed by a scientific committee. On-line submission and registration opens start of February 2010, with further details about the conference on the website <http://www.rspsoc2010.org>

**Coastal and marine systems**

Sea-bed mapping  
Marine ecosystems  
Maritime security and governance  
Ocean state  
Coastal zone management  
Marine spatial planning

**Environmental monitoring**

Land change and degradation  
Natural hazards  
Landscape modelling  
Sustainability  
Biodiversity  
Sub-surface mapping

**Polar and high altitude regions**

Snow and ice masses  
Glaciology  
Sea ice

**Forests, food and vegetation**

Food and timber production  
Land use management  
Soil and soil moisture  
Image derived vegetation products

**Close range sensing**

Photogrammetry  
Laser scanning  
Real time imaging  
Mobile mapping  
Cultural heritage  
Field spectrometry

**Atmosphere and weather**

Clouds and aerosols  
Air quality  
Vertical profiling  
Atmospheric composition  
Meteorology

**Climate change and adaptation**

Monitoring Essential Climate Variables  
Climatology  
Sea-Land-Atmosphere interactions  
Land/Sea/Atmosphere changes  
Adaptive management

**Visualisation and communication**

Scenario generation  
Change prediction  
Integration of multiple datasets  
Decision support systems  
Governance and policy

**Sensor and processing technologies**

Ground truthing  
Calibration/validation  
Wireless sensors and networks  
New sensors, products and algorithms

Contact Fiona Cawkwell [rspsoc2010@ucc.ie](mailto:rspsoc2010@ucc.ie) for further information



RSPSoc2010



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