

IEOS Programme		
Thursday 12th November		
12.30-2.00	Registration & Lunch	
2.00-2.10	Welcome Address	Pat O'Connor (GSI)
Geological Applications		Chair: Ned Dwyer (CMRC)
2.10-2.30	Seabed Classification: From Image Classification to Seabed Geology	Xavier Monteys (GSI)
2.30-2.50	Examining statistical segmentation of multibeam backscatter images with Geovisual Analytics	Kazi Ishtiaq Ahmed (NUIM)
2.50-3.10	An Investigation of the Quaternary Galtrim Moraine System using geophysical and remote sensing techniques.	Helen M. Caughey (NUIM)
3.10-3.30	Remote sensing as a tool for detection, quantification and evaluation of Submarine Groundwater Discharge (SGD) to Irish Coastal waters	Jean Wilson (TCD)
3.30-4.00	Tea & Coffee	
Meteorology & Seasonality		Chair: Stuart Green (Teagasc)
4.00-4.20	Earth Observations made at Met Éireann's Valentia Observatory	Keith Lambkin (Met Éireann)
4.20-4.40	An object-oriented approach to detecting disturbance on peat soils.	John Connelly (UCD)
4.40-5.00	On a methodology to extract measures of seasonality from MERIS reduced resolution data to characterise seasonal trends in Irish vegetation	Brian O'Connor (CMRC)
5.00-5.20	Contrails and Climate Change: The use of satellite thermal imagery to investigate aviation influences on the Irish climate	Gillian M. Whelan (UCC)
5.20-6.30	Poster Session & Reception	
7.00-	Conference Dinner TBC (~€35)	

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Environmental sensing and monitoring		Chair: Koen Verbruggen (GSI)
9.00-9.20	Spatially Encoded Video	Gearoid O’Riain (Compass Informatics)
9.20-9.40	The application of multi-modal sensor networks to the monitoring of coastal and inland marine environments	Edel O’Connor (DCU)
9.40-10.00	Radiometric normalisation of Landsat ETM+ data for a change detection study	Jerome O Connell (UCD)
10.00-10.20	A Comparative Analysis of Soil Moisture Retrieval using C- and L-band Interferometric Synthetic Aperture Radar (INSAR) over Southeast Ireland.	Brian Barrett (UCC)
10.20-10.50	Tea & Coffee	
Keynote Address		Chair: Koen Verbruggen (GSI)
10.50-11.20	Geological Remote Sensing	Colm Jordan (BGS)
11.20-11.30	Break	
Land Surface		Chair: Ray Scanlon (GSI)
11.30-11.50	OSI LiDAR datasets	TBC (OSI)
11.50-12.10	Integration of offshore INFOMAR Bathymetric LiDAR with Irish onshore LiDAR datasets	Seamus Coveney (NUIM)
12.10-12.30	Registration of Airborne LiDAR and Aerial Images for Object Extraction	Salman Ali (DIT)
12.30-12.50	3D Radar Mapping for Ireland’s Future Needs and Prosperity	Mark Stanley (Intermap)
12.50-1.00	Closing Comments and Prize-giving	Chair: Koen Verbruggen (GSI)
1.00-2.00	Lunch	
2.00-4.00	Geovisionary workshop	