



ERI Research Open Day



Wednesday, April 29th, 14.00-17.30
G.1 and G.2, Kane Building, UCC

Programme of Events

14.00 (G.1)	<p>Welcome by Professor Alan Dobson, ERI Director Opening by Professor Pat Fitzpatrick, Head of College of Science, Engineering and Food Science</p>
14.15 Session I	<p style="text-align: center;">Sustainable Energy & Energy Efficiency (G.1) Chair: Dr Brian O’Gallachoir, Department of Civil & Environmental Engineering & ERI</p> <ol style="list-style-type: none"> 1. <i>"Pump storage as an integrator for Wind Energy in Ireland"</i> Mr. Paul Deane, Dept of Civil & Environmental Engineering & ERI 2. <i>"Smart Building Cluster at UCC"</i> Dr. Joern Ploennigs, UCC and Research Fellow A.V. Humboldt Foundation, ERI 3. <i>"Grass as a source of bio-fuel"</i> Ms. Beatrice Smyth, Dept of Civil & Environmental Engineering & ERI 4. <i>"The role of bio-energy crops in maintaining biodiversity in agricultural landscapes"</i> Ms. Erin O’Rourke, Dept of ZEPS & ERI <hr/> <p style="text-align: center;">The Marine Environment (G.2) Chair: Dr Andy Wheeler, Department of Geology & ERI</p> <ol style="list-style-type: none"> 1. <i>"Cold water coral research in UCC"</i> Dr. Boris Dorschel, Dept of Geology & ERI 2. <i>"Biotelemetry and top predators in the marine environment"</i> Dr. Michelle Cronin, Coastal & Marine Resources Centre & ERI 3. <i>"Novel drugs from the sea"</i> Dr. Jonathan Kennedy, Department of Microbiology & ERI 4. <i>"Overview of marine research in Dept of Zoology, Ecology and Plant Science"</i> Dr. Ruth Ramsay, Dept of ZEPS & ERI

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Programme of Events (continued)

15.40	Coffee/tea break (G.7) and Poster session
16.10 Session II	<p style="text-align: center;">Environmental Monitoring and Technologies (G.1) Chair: Dr John Hanrahan, Glantreo, Department of Chemistry & ERI</p> <ol style="list-style-type: none"> 1. <i>"Cork Harbour – Air quality and health impacts"</i> Mr. Ian O'Connor, Department of Chemistry & ERI 2. <i>"A new method for measurement of carbonyls in the atmosphere"</i> Ms. Kristina Kuprovskyte, Department of Chemistry & ERI 3. <i>"Applications of Microbial Systems in the Remediation of Organic and Inorganic Wastes"</i> Dr. N. O'Leary, Dept of Microbiology & ERI 4. <i>"Use of Mesoporous Silicate Materials for Environmental Remediation"</i> Dr. Aoife Burke, Department of Chemistry & ERI
	<p style="text-align: center;">Anthropogenic activities and the Environment (G.2) Chair: Professor John O'Halloran, Department of Zoology, Ecology & Plant Science & ERI</p> <ol style="list-style-type: none"> 1. <i>"Biodiversity indicators of ground-dwelling spiders in Irish plantation forests and native woodlands"</i> Dr. Anne Oxbrough, ZEPS & ERI 2. <i>"Toxicity of manufactured nano-particles in the aquatic environment"</i> Dr. Guillaume Juhel, Dept of ZEPS & ERI 3. <i>"Microbial Phylo-geography"</i> Dr. Camila Mazzoni, Department of Microbiology & ERI 4. <i>"Identifying an appropriate legal regime for the management of contaminated land in Ireland"</i> Aoife Shields, Faculty of Law & ERI
17.30 - 18.00	Concluding remarks and presentation of prize for best PhD oral presentation followed by light refreshments (Staff Dining Room)