



The Institution of Agricultural Engineers Northern Ireland Professional Development Event

Date: Monday 22 October 2018
Location: College of Agriculture, Food and Rural Enterprise - Greenmount

The College of Agriculture, Food and Rural Enterprise (CAFRE) are hosting a Professional Development event in conjunction with the Institution of Agricultural Engineers (IAgrE), on Monday 22 October 2018.

The main event, at 7pm in Greenmount Campus CAFRE, is a lecture on Innovations in Soil and Water Engineering, and UK AgriTech Research Centres given by Professor Jane Rickson, Professor of Soil Erosion and Conservation at Cranfield University's Soil and AgriFood Institute and also the President of IAgrE.

Professor Rickson is involved in research for government and private sector clients on soil degradation, loss of ecosystem goods and services and soil conservation. She has over 30 years' experience of research, consultancy and teaching in soil and water engineering, with focus on sustainable land management practices. She also specialises in agricultural and biosystems engineering at MSc and PhD level.

An open invitation is extended to anyone who has an interest in this topic, including CAFRE and wider DAERA staff, as well as local IAgrE members and any others from the wider agriculture community.

There is also an afternoon programme mainly designed to support the professional development needs of staff working at the College of Agriculture, Food and Rural Enterprise (CAFRE) as well as those working across the rest of DAERA. In particular the session from 4-5pm is open to anyone who is interested in learning more about IAgrE and the benefits of membership.

If you have any questions about this event please contact Richard McCreedy on 02890520889 or email Richard.mccreedy@daera-ni.gov.uk.



Schedule of Events

Time	Content
13.30-14.00	<p>Student Membership – Benefits now and in the future</p> <p>Alastair Taylor MIAgrE, CEnv, IEng – IAgrE CEO</p> <p>This brief session is targeted at students on Land based Engineering courses.</p> <p>The session will focus on the benefits of membership both now (as a student) and in the future within careers in the Land based Engineering Industry, and also the process of joining as a student member.</p>
14.00 to 15.30	<p>Professional Registration for Engineers</p> <p>Alastair Taylor MIAgrE, CEnv, IEng – IAgrE CEO</p> <p>This session is targeted at those people teaching landbased engineering technology including farm mechanisation and agricultural engineering. For these, depending upon experience and qualifications they can gain IAgrE membership and be registered with the Engineering Council as Chartered Engineer, Incorporated Engineer or Engineering Technician and use the letters CEng, IEng or EngTech as appropriate.</p> <p>This session will focus on the eligibility criteria and application process and will help advise those attending as to what they need to do next. Attendees are advised to bring along their CV and copies of certificates.</p>
15.30-16.00	Break
1600 to 1700	<p>Professional Registration for Agricultural and Environmental Technologists, and Soil and Water Scientists.</p> <p>Alastair Taylor MIAgrE, CEnv, IEng – IAgrE CEO</p> <p>This session is targeted at those people advising farmers and growers in subjects such as soil and water management, waste management, manure and slurry application, and environmental management.</p> <p>This session will provide an overview of the various membership and professional registration categories offered by IAgrE.</p>



	<p>For these, depending upon experience and qualifications, they can gain IAgrE membership and be registered with the Society for the Environment as a Chartered Environmentalist using the letters CEnv. There is a route for Registered Environmental Technicians (REnvTech).</p> <p>This session will also provide an overview of the eligibility criteria and application process and will help advise those attending on the next steps towards membership and registration.</p> <p>Alastair Taylor is a Chartered Environmentalist himself and has an in-depth understanding of the application process.</p>
1900 to 2100	<p>KEYNOTE LECTURE - Innovations in soil and water engineering, and UK AgriTech Research Centres</p> <p>Professor Jane Rickson CEnv FIAgrE – President IAgrE</p> <p>This session will be of interest to relevant staff at CAFRE and DAERA as well as local members of the IAgrE Northern Ireland Branch. Jane Rickson is very well regarded in her subject discipline as well as being the current President of the Institution of Agricultural Engineers. This is a session not to miss!</p> <p>Professor Jane Rickson is involved in research for Government and private sector clients e.g. soil degradation and loss of ecosystem goods and services; Soil Quality Indicators - physical properties; and the total costs of soil degradation.</p> <p>She is also involved in the training and teaching on Masters courses in Land Reclamation and Restoration, Environmental Engineering, and Soil Management, as well as bespoke short courses on soil erosion and conservation. Consultancy activities include soil erosion and remediation in mine site rehabilitation.</p> <p>Background</p> <ul style="list-style-type: none">• BSc (Hons) in Geography, King's College, University of London;• Diploma of the Associateship of King's College (A.K.C.), London;• MSc in Agricultural Engineering (Land Resource Management), Silsoe College (awarded full NERC scholarship);• PhD “The use of geotextiles for soil erosion control”, Cranfield University;• Chartered Environmentalist (CEnv).