“Engineering to Stem the Flow”  
(Lessons Learnt – UK and Europe)  
Thursday 8th September 2016 0930 – 1600 hrs  
Newton Rigg Campus, Penrith CA11 0AH

Due to Recent changes within our Government Rory Stewart MP will no longer be able to participate in presenting the keynote.

Experiences of Forest Engineering in France – Morgan Vuillermoz, FCBA (Forêt, Bois, Construction et Ameublement, Paris)  
As part of the respected FCBA, the institute of technology for the forest based sector, Morgan’s presentation will give an insight into the practices of Forestry and Forest Engineering in France. Her talk will cover both organisational and operational aspects, and will include topics such as how wind-blow is dealt with, based on the experience of the last 2 major storms also touching on the crisis management in the immediate aftermath.

How about Flood Risk Estimation & Forestry – Dr Andrew Black, Senior Lecturer, Dundee University  
Forested catchments can be key to flood generation in the uplands but can often pose real challenges when it comes to estimating extreme flows for given design scenarios. This presentation provides an overview of methods, data sources and uncertainty, and explores some of the methods by which forest management can reduce downstream risks.

Slowing the Flow at Pickering – Dr. Tom Nisbet, Forest Research  
Tom has been a leading part of this project which implemented changes in land use and land management interventions to reduce flood risk at the catchment scale. This presentation will give details of the scheme, and also comment on its effectiveness now that there has been time to evaluate how well it has been performing.

Pickering, the Practical Side – Alan Eves, Forestry Commission  
Forested catchments can be key to flood generation in the uplands but can often pose real challenges when it comes to estimating extreme flows for given design scenarios. This presentation provides an overview of methods, data sources and uncertainty, and explores some of the methods by which forest management can reduce downstream risks.

Working in Steep and Wet Conditions – Jock McKie, John Deere Forestry Ltd  
In Britain with our typical climate and terrain we are asked to work in areas that are frequently both steep and wet. This talk will cover John Deere’s latest developments, including a demonstration of one of their machines.

Natural Flood Management Handbook – Heather Forbes, SEPA  
Climate change, population growth, economics, and environmental all necessitate a move towards a more integrated, catchment based approach to the management of land and water. SEPA released the NFM Handbook in 2015, and this talk will spotlight forestry’s role within flood management.

Eddleston Water Project, Lessons Learned – Hugh Chalmers, Tweed Forum  
This will focus on the Eddleston Water Project in the Scottish Borders which aims to measure the effectiveness of natural flood management and improve water body status. This has involved working with private forestry companies to improve Natural Flood Management features on restructured coupes in upland forest blocks.

Selkirk Flood Protection Scheme – Conor Price, Scottish Borders Council  
A case study on the delivery of the Selkirk Flood Protection Scheme, a multi-faceted approach to Flood Relief Management. This will focus on how St. Mary’s Loch and other Natural Flood Management schemes helped in protecting the town from floods similar to the 2003 event.

To bring the Symposium to a close, there will be a question and answer session, with summing-up by Alastair Taylor, CEO of the Institution of Agricultural Engineers.

The Cost including lunch and coffee etc. will be £120.00. Student and Retired Members Rate is £30 all rates shown are VAT inclusive. For bookings and further information contact - bruce.hamilton@forestry.gsi.gov.uk

The Institute of Chartered Foresters (ICF) and the UK Forest Products Association (UKFPA) are lending support to the symposium. They have endorsed the event and are promoting it to their members. 6 CPD hours will be awarded. Charity No. IAgRE Charity number 297303
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Morning - Chair, Graeme White, Forestry Commission
9:30 – 9:45 Opening Address – Graeme White FEG Chairman
9:45 – 10:30 Morgan Vuillermoz - Ingénieure Etudes et Recherche, FCBA
10:30 – 10:50 Dr Andrew Black – Dundee University
10.50 – 11.05 Break
11:05 - 11:25 Tom Nisbet – Forest Research
11:25 – 11:45 Alan Eves – Forest Management Director Yorkshire Forest District
11:45 – 12:05 Jock McKie – John Deere Forestry
12:05 – 12:15 Question & Answers to Morning Speakers
12:15 – 12:25 Presentation to John Scott (JST Scotland) - IAgRE Special Award for Contributions to Forestry Engineering Group
12.30 – 13.30 Lunch – Speakers Photograph

Afternoon – Chair Jim Walker NFU (TBC)
13:30 – 14:00 Heather Forbes - SEPA
14:00 – 14:20 Hugh Chalmers – Tweed Forum
14:20 – 14:40 Break
14.40 – 15.00 Conor Price – Scottish Borders Council
15:00 – 15:30 Questions, Summary – Alastair Taylor, CEO IAgRE

Close – Tea and Coffee will be available for networking opportunities
BOOKING FORM

Attendance includes presentations, backed up with notes or papers. Morning and afternoon coffee and an excellent lunch.

You can now book on line via the IAgRE website:


If you have difficulty in making your payment online please phone the IAgRE Secretariat who will be happy to process your details Tel: 01234 750876

If you wish to pay by cheque please complete this form and send it with your payment to:

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