

SEMINARS 2007/08

Northern Research Station

9 <sup>th</sup> November 2007	<i>Duncan Ray</i> Forest Research	<i>Impacts of climate change on forests and forestry in Scotland</i>  This seminar will provide an assessment and discussion of the impact of UKCIP02 climate change predictions on UK forestry, including (A) species choice and site interactions, timber quality, longevity, pests and diseases interactions, (B) stand management options and windows, e.g. ATC, wind-risk, thinning, site access for machinery, soil compaction damage, and (C) native woodlands, e.g. species composition changes, pressure for species movement, colonisation, fragmentation, biodiversity.
30 <sup>th</sup> November 2007	<i>Prof Barry Smith</i> (BGS)	<i>Geological information and technology in support of soil science, a view from the British Geological Surveys Soils Programme</i>  This seminar will discuss provision of improved soils information to UK soil scientists, and identify the potential for integration of soil function into a systems approach to understanding landscape processes.
7 <sup>th</sup> December 2007	<i>Prof Terry Dawson</i> Univ. of Southampton	<i>Climate change and ecosystems services - A complex systems approach</i>  Rural livelihoods in Madagascar depend heavily on forest resources, which are under pressure from climate change and deforestation. This presentation will look at an integrated framework for analysing these dynamic and highly-variable ecosystems to enable us to improve upon adaptation strategies to increase resilience in these complex social-ecological systems.
18 <sup>th</sup> January 2008	<i>Dr Gregory Valatin</i> Forest Research, and <i>Jenna Coull</i> Forestry Commission	<i>Payments for Ecosystem Services: perspectives from the United States</i>  Mitigation Banking, Water Quality Trading, Carbon markets including forestry offsets, and schemes to tackle tropical deforestation will be discussed.
8 <sup>th</sup> February 2008	<i>Dr Richard Mitchell</i> University of Edinburgh	<i>Forests, trees, human health and wellbeing</i>  There is currently a great deal of interest in whether green environments might be a route to tackling poor health in the UK. This seminar will present both published and new work by Dr Richard Mitchell on the health impacts of green spaces at a population level. Using data from Scotland, England and a new EU-wide study, Dr Mitchell will show evidence that green space appears to be good for some of us, but not all of us, and set out priorities for future research and action in this field.
22 <sup>nd</sup> February 2008	<i>Peter Crow</i> Forest Research	<i>Woods full of old stuff: The role of FR in preserving the historic environment</i>  An overview of FR's past and current research into protection of the historic environment within woodlands.
7 <sup>th</sup> March 2008	<i>Deborah Long</i> Plantlife Scotland	<i>Species and habitat conservation for plants: projects and perspectives at Plantlife Scotland</i>

Seminars take place in the library at Forest Research,  
Northern Research Station, Roslin - 1400-1500 hrs

If you are travelling to attend, please telephone beforehand  
to check that the seminar is still on: Tel: 0131 445 2176/6990

For information on how to travel to Forest Research, Northern Research Station  
please see [www.forestresearch.gov.uk](http://www.forestresearch.gov.uk) then locations

For more details please e-mail [mike.perks@forestry.gsi.gov.uk](mailto:mike.perks@forestry.gsi.gov.uk), Tel: 0131 445 6935