

ASSOCIATION OF APPLIED BIOLOGISTS

President: Stuart Knight



ASSOCIATION OF APPLIED BIOLOGISTS

UNIVERSITY OF
BIRMINGHAM



Trees for the Future - Diversity and complexity for resilience and carbon storage

A two-day conference at the
University of Birmingham, UK

Postponed due to Covid-19, now on 03-04 November 2021



Coast redwood forest, North California: Image courtesy of Jo Bradwell, JABBS

ANNOUNCEMENT & CALL FOR PAPERS

Association of Applied Biologists, Warwick Enterprise Park, Wellesbourne, Warwick CV35 9EF, UK

Registered Charity No. 275655; <http://www.aab.org.uk>

Tel: +44 (0)2476 999485; Email: john@aab.org.uk

Trees for the Future - Diversity and complexity for resilience and carbon storage

On 03-04 November 2021
at University of Birmingham, UK

As a key part of actions to reach net zero carbon emissions by 2050, the UK Government set a target of up to 19% woodland cover. Key decisions therefore are required concerning how and where we expand tree cover. Modern forestry is generally based on monocultures largely because of timber production. However, future forests will play a key role in climate change mitigation. It is therefore crucial that appropriate informed decisions are made with regard to the structure, composition and planning of future forests, in order to provide sustainable solutions that are of benefit to society. Mixed forests with their higher biodiversity, are likely to be better than monocultures in regulating the water cycle and sequestering carbon. A main objective of this conference is to explore state-of-the-art scientific evidence showing that higher tree species diversity enables higher productivity and stability, with a lower susceptibility to biotic and abiotic stress, together with a portfolio of ecosystem services, as well as economic and management benefits. Invited speakers will address these issues from the perspective of science/industry/economics/politics interfaces. A key aim is to produce a policy document that will inform UK government strategy. In addition, we will produce other outputs such as a Special Issue of Food and Energy Security.

Confirmed Invited speakers include:

Philip Argyle (Argyle Woodland Management, Herefordshire, UK)
Sarah Batterman (University of Leeds, UK)
Professor Sir Ian Boyd (University of St Andrews, UK)
Professor Jo Bradwell (The Birmingham Institute of Forest Research (BIFoR), UK)
Dougal Driver (Grown in Britain, Bristol, UK)
Sir David Eastwood (University of Birmingham, UK) to close the conference
Professor Piers Forster (University of Leeds, UK)
Lord Gardiner of Kimble (DEFRA, UK)
David Gwillam (Prees Heath Forest Nurseries, Shropshire, UK)
Gabriel Hemery (Sylva Foundation, Oxfordshire, UK)
David Hopkins (Timber Trade Federation, London, UK)
Tony Juniper (Chair, Natural England, UK)
Darren Moorcroft (Chief Executive Officer at The Woodland Trust, UK)
Professor Hans Pretzsch (Technical University of Munich, Germany)
Geraint Richards (Duchy of Cornwall's Head Forester, UK)
Professor Ernst-Detlef Schulze (Max Planck Institute for Biogeochemistry, Germany)
Lisa Smith (Head of Tree Health Policy and Plant Health Evidence and Analysis, DEFRA, UK)
Professor Nicola Spence (Chief Plant Health Officer, DEFRA, UK)
Sir Harry Studholme (Formerly of Forestry Commission, UK)
Sir William Worsley (Chair of the Forestry Commission, UK)

Food and Energy Security (FES) is pleased to be able to offer free publication of acceptable papers from this conference in a special issue. If presenters wish to submit a paper to FES, the conference will pay the publication fees. All presenters who submit papers will be offered a free membership of the AAB, so please indicate this on submission. For further information please contact Carol Millman +44 (0)2476 999484; carol@aab.org.uk.

'We will to go ahead with the FES Special Issue with the aim of having all the manuscripts submitted in January 2021, with a position document prepared in March/April 2021. We will aim to have the FES Special Issue published ahead of the meeting date'

Deadline for submission of manuscripts to the FES Special Issue is 31 January 2021

Descriptions of offers can be submitted by mailing the attached sheet to the AAB Office, or online via our web site at <http://www.aab.org.uk>. Hover over 'Conferences' in the main menu and click on 'Submit an Abstract' from the drop-down list. This will take you to our Abstract Submission form where you can enter your contact details and upload your abstract as a word document. Please indicate if your offer is for a poster or a platform presentation. Alternatively, you can send your abstract to John Andrews at the AAB Office: john@aab.org.uk

Deadline for submission of offers for oral and poster presentations is 31 March 2021

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(BASIS Points will be applied for)

(Please tick appropriate boxes)

Please send me further details and booking forms when they become available
I am not an AAB member (Members will receive this information automatically)

I wish to offer a paper/poster presentation paper as detailed below (please indicate which)

I wish to have a commercial exhibit at the conference

I would be interested in sponsoring a speaker, conference proceedings or hospitality
(please call Carol Millman +44 (0)2476 999484)

SURNAME:INITIALS:.....

TITLE (Prof/Dr/Mr/Mrs/Ms or other):

MAILING ADDRESS:

.....POST CODE:

Tel No:Fax No:..... E-mail:.....

TITLE OF PAPER/POSTER:

.....

OUTLINE OF CONTENTS or ABSTRACT ON SEPARATE PAGE:

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AAB FORWARD CONFERENCE PROGRAMME

2020

**Postponed until
September 2021; TBC**

Advances in Legume Science and Practice 2
Ecole Supérieure d'Agriculture (ESA) Angers, France
(Cropping and the Environment group)

**Postponed until
03-04 November 2021**

**Trees for the Future - Diversity and complexity for
resilience and carbon storage**
University of Birmingham, UK

05 November

**Thinking Differently about Soil-Borne Disease
Management**
Deafblind UK Conference Centre, Peterborough, UK
(Applied Mycology and Bacteriology group)

11-13 November

**Shaping the Future for Pollinators: Innovations in
Farmed Landscapes**
Cophthorne Hotel, Slough, UK
(Cropping and the Environment group/University of Reading/
British Ecological Society/Royal Entomological Society)

19-20 November

Advances in Biological Control and IPM 2020
Olde Barn Hotel, Marston, Lincs, UK
(Biocontrol & IPM group)

08-09 December

Closed Transfer Systems Workshop
Silsoe Spray Applications Unit, Bedford, UK
(Pesticide Application group)

15 December

Advances in Nematology 2020
Linnean Society, London
(Nematology group)

2021

19-20 January

Intercropping for sustainability
Reading, UK
(Cropping and the Environment group)

**Postponed from
September 2021; TBC**

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