



ASSOCIATION OF APPLIED BIOLOGISTS

May 2020

Highlight Conferences

[Trees for the Future - Diversity and complexity for resilience and carbon storage](#)

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

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.

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 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**'. **Food and Energy Security**

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

03 - 04 November 2021 @ University of Birmingham, Birmingham, UK.

Call for Papers Deadline 31 March 2021

For more information about the event please click [here](#).

Important Conference Updates

We continue to plan for our conference activities in the second half of 2020 but they may be subject to postponement if COVID-19 restrictions continue

-Thinking Differently about Soil-Borne Disease Management

5 November 2020 @ Deafblind UK Conference Centre, Peterborough, UK.

Save the Date! Call for Papers information to follow shortly..

-Shaping the Future for Pollinators: Innovations in Farmed Landscapes

11 - 13 November 2020 @ Copthorne Hotel, Slough-Windsor, Slough, UK..

Call for Papers Deadline EXTENDED until 31 May 2020

-Advances in Biological Control & IPM 2020

19 - 20 November 2020 @ Olde Barn Hotel, Marston, Lincs, UK.

Save the Date! Call for Papers information to follow shortly..

-Closed Transfer Systems Workshop

8 - 9 December 2020 @ Silsoe Spray Applications Unit, Silsoe, Bedfordshire, UK.

Save the Date! Call for Papers information to follow shortly..

-Advances in Nematology 2020

15 December 2020 @ Linnean Society, London, UK.

Save the Date! Call for Papers information to follow shortly..

-Intercropping for Sustainability

19 - 20 January 2021 @ Reading, UK.

Call for Papers Deadline 30 September 2020

-Advances in Legume Science and Practice 2

@ Ecole Supérieure d'Agriculture (ESA), Angers, France.

Postponed until September 2021

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

03 - 04 November 2021 @ Birmingham University, UK.

Call for Papers Deadline 31 March 2021

COVID-19 Update

On the 11 May 2020, the UK Government produced a guidance document for Employers, Employees and the Self-employed.

Please click [here](#) to view the article.

Virology Group Article - COVID-19 Pandemic

The COVID-19 pandemic has affected the work and lives of all Association members, within all

disciplines. In particular, to members of the Virology Group

Miguel A Aranda, the Virology Group Convenor, has kindly produced an article for our newsletter to highlight issues relating to COVID-19 and future meetings.

Please click [Virology Group Report](#) to view the article.

Upcoming Vacancy for AAB Council

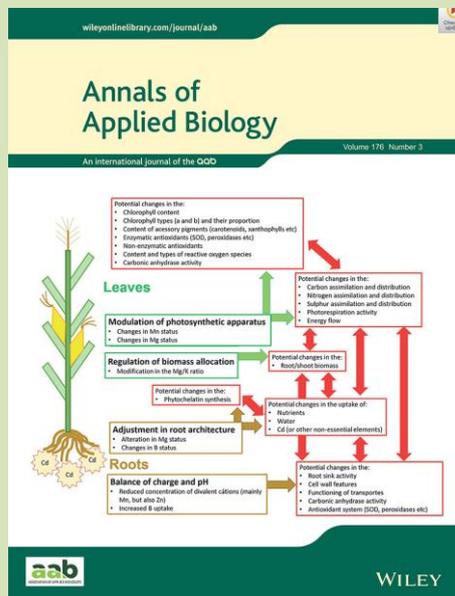
We are currently looking for AAB Members who might be interested in joining the AAB Council. At the end of this year, we will be seeking to replace the Honorary Treasurer, Andy Page, who is stepping down in December 2020.

For more information on how to apply or nominate someone (with their permission) for the above role, please click [here](#). Our General Secretary is also more than happy to discuss this position, contact information can be found at the bottom of the attached report.

Deadline for applications 30 June 2020

AAB Journals: New Issues Now AVAILABLE

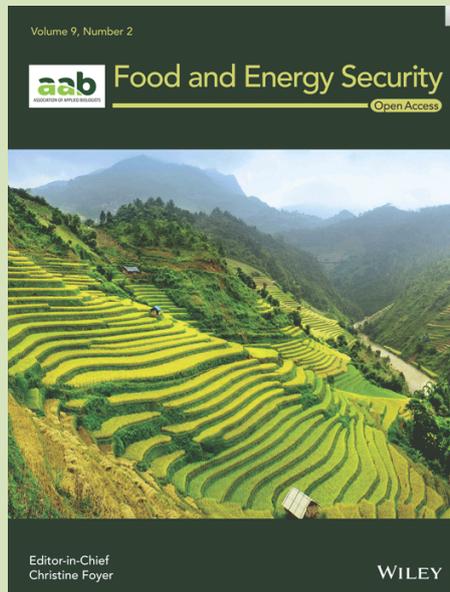
Click on the links below to view the latest issues of our scientific journals. Remember that you will need an annual subscription to view our Annals of Applied Biology content so please contact [Bernadette](#) in the AAB Office if you are interested!.



Annals of Applied Biology
[Vol. 176 Iss. 3](#)
May 2020



Plant Biotechnology Journal
[Vol. 18 Iss. 5](#)
May 2020



Food and Energy Security

[Vol. 9 Iss. 2](#)

May 2020

New Members Elected - March 2020

A very warm welcome to all of our new members who were formally elected at the recent council meeting. Please click [here](#) to find out a little more information about our new members and some of their interests.

Royal Society of Biology Newsletter

As many of our readers will be aware, we distribute the Royal Society of Biology Newsletter by uploading a link to our website. This newsletter is a great place to find current developments in the world of Biological Sciences, but also a wide range of content from various other disciplines.

Please click [here](#) to view the latest issue.

British Crop Production Council (BCPC) Newslink

BCPC Newslink - 28 May 2020 is now available

Please click [here](#) to view the latest issue.

‘Of farming and furlough’ By Keith Thomas (Brewlab, Sunderland, UK)

Keith Thomas (Brewlab, Sunderland, UK), who organised two previous AAB conferences: ‘Advances in Cider and Wine Making Technology’ with associated *Aspects of Applied Biology* books (the second to be published

soon), has kindly produced the attached article for this Newsletter.

Please click [Of Farms and Furlough](#) to view the article

The AAB NewsHub

A dedicated section for generic news content which we believe will be of significant interest to our members and their peers, for every single newsletter that we release. These articles may range from blogs, or discussion topics right the way through to some professionally published content.

We will continue to scout around for the latest news but as always, we are more than happy to receive additional content from our readers... If you come across an article or a newspaper column which you think would be of interest to our members please feel free to send it in by [clicking this link](#).

- [Plant viruses could be used to prevent and treat human autoimmune diseases](#) (John Innes Centre)
- [Spartans help during COVID-19 crisis](#) (Michigan State University)
- [Training instance segmentation neural network with synthetic datasets for seed phenotyping](#) (Nagoya University)
- [Latent Space Phenotyping: Automatic Image-Based Phenotyping for Treatment Studies](#) (Plant Phenomics)
- [Toward More Efficient Artificial Photosynthesis](#) (Joint Genome Institute)
- [Cheers! Designer wheat bred for whisky distillers](#) (Rothamsted Research)
- [Coronavirus and climate change a 'double crisis'](#) (BBC)
- [Call for environmental aspect to NI recovery plan](#) (BBC)
- [These researchers spent a winter trapped in Arctic ice to capture key climate data](#) (Nature)
- [Next steps: The ultimate careers guide for bioscience graduates](#) (Society of Experimental Biology)
- [Conversation moves on: revisiting early-career researchers and a new focus on fieldwork](#) (Journal of Experimental Biology)
- [The PC&E 40th Anniversary Special Issue!](#)(Plant, Cell and Environment)
- [Can higher CO2 levels boost plant life enough to dent global warming?](#) (New Scientist)

Would you like to contribute to our next eNewsletter?

We welcome contributions to any of our newsletters so please feel free to contact the AAB Office if you have anything that you would like to share!

Contact

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Email (john@aab.org.uk)

OUR FULL CONFERENCE CALENDAR IS AVAILABLE [HERE](#)

Please feel free to contact the AAB Office for more information;

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