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Gŵyl Ymchwil  
Newid Hinsawdd

Festival of Research  
Climate Change

# Link to Videos on Climate Change

Aberystwyth University Festival of Research  
Climate Change Conference 2021

## Aberystwyth University Experts Climate Change Videos

Below are the links to videos on climate change produced by the university (if you experience difficulties in accessing these videos please get in touch):

**Video 1** - Dr Hywel Griffiths from the Department of Geography and Earth Sciences discusses climate change link to flooding and droughts and planning for the future (**Video 2** - is the Welsh version of video 1).

Video 1 - <https://aberystwyth.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=4652d42d-14fa-4b10-a3bd-ad9b00adca70>

Video 2 - <https://aberystwyth.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=46ebd99b-1df8-439f-bfb3-ad9b00a928f8>

**Video 3** - Professor Stephen Tooth from the Department of Geography and Earth Sciences discusses how to manage flash floods as the climate begins to change. This video is aimed at primary school children.

<https://aberystwyth.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=3bbb9f65-6cb5-4ba9-a9ef-ad9a00e9f43f>

**Video 4** - Professor Stephen Tooth from the Department of Geography and Earth Sciences discusses how to manage flash floods as the climate begins to change. This video is aimed at secondary school pupils.

<https://aberystwyth.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=e5df979a-7a56-47d0-b9bc-ad9701363dc6>

**Video 5** - Cat Joniver a PhD student from the Moore Marine Ecology Lab in IBERS discusses seaweed blooms, climate change, the circular economy and how climate change has affected her research.

<https://aberystwyth.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=fb5b61e8-d5d2-488a-bb26-ad9600e45ce8>

**Video 6** - Dr Paul Robson from the IBERS department discusses using plants such as Miscanthus to help to reduce climate change.

<https://aberystwyth.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=674af6c9-403c-4a40-b931-ad9300d52273>

**Video 7** - In this video Dr Tom Holt senior lecturer in the Department of Geography and Earth Sciences talks about climate change and the cryosphere. This video includes the IPCC (Intergovernmental Panel on Climate Change) findings on loss of ice on glaciers, permafrost, and seasonal snow cover. Receding ice sheets in Greenland and Antarctica are also explored and the current research Aberystwyth university are involved in is discussed.

<https://aberystwyth.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=8d33db24-5fb5-4721-908d-ad9f00f46c0a>

**Video 8** – Hannah Vallin discusses the importance of peatbogs. Peatbogs are waterlogged carbon storing habitats that play a big part in reducing the carbon output across the UK. The peatbogs store more carbon than the UK forests. The video specifically refers to sphagnum moss also known as the bogbuilder. This moss can store lots of water and acts as a filter, this also helps slow the flood of water and helps prevent flooding.

The video also discusses the research at pwllepeiran. A large greenhouse gas removal project, where the aim is to help improve and restore peatland habitats. Enhancing the environmental conditions to encourage peat formation and to lock up more carbon.

<https://aberystwyth.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=76f724f3-67f7-4171-8fe6-adaa007c1fcc>