



Tracking the colour of peatlands



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PLYMOUTH

Dr Scott J. Davidson - University of Plymouth

'Tracking the colour of peatlands' is a community-led project looking at peatland phenology i.e. how peatland plants change colour over the course of the growing season

This project uses fixed point photography collected by members of the public

These photographs can provide insight into how peatlands function and how they might change under future climate and land-use change

Infographic used in the project

Help us track plant colours in peatlands!
We can use smartphone photos to understand **how plants 'green' up over the summer**, the timing of when they are at their **maximum greenness** and how they start to **turn brown in the autumn**.

Winter Spring Summer Autumn

Why is this important?
Understanding how plants can change over the course of the year can give us insight into how peatlands function (i.e., **linking how green they are to how much carbon they store**) and how this might **change under future climate change**.

How to participate:

1. Make sure the flash on your phone is switched off
2. Place your phone in the holder, ensuring your phone is in landscape position
3. Take photograph
4. Send photograph to: Dr. Scott J. Davidson
peatlandphenology@gmail.com

Please include date and time photo was taken

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Phone cradle and sign



This project is looking for **more collaborators** on publicly accessible peatlands across the world

Sites should have a **permanent boardwalk and substantial foot traffic**

It is **fully funded** – only thing collaborators need to provide is a fence post for installation



If you would like to be involved or want to know more, please reach out:
scott.davidson@plymouth.ac.uk



scott.davidson@plymouth.ac.uk



@scootjd



sjdavidsonecology.com