



The Worshipful Company of Water Conservators

You are cordially invited to join the Water Conservators' February Webinar

Moorland Restoration & Natural Flood Management

Thursday 15th February 2024 6.00pm to 7.15pm

Presented by Tom Spencer, Research Scientist at Moors for the Future Partnership



About this Webinar

Severe erosion of blanket bogs in the Peak District following the industrial revolution has led to degradation of key ecosystem services at the headwaters of regional river catchments. Restoration of these peatlands at the landscape-scale has led to stabilisation and recovery, with benefits including increased vegetation diversity, improved water quality, reduced severity of flooding, raised water tables and a near-total halting of peat erosion. This dramatic turnaround has been evidenced through research at experimental headwater catchments on the Kinder Scout plateau. At the start of the experiment in 2010, these were dominated by large expanses of bare peat. Now, while the untreated 'control' area remains bare and eroding, the treated areas are covered in a diverse, multi-layered vegetation canopy with extensive cover of Sphagnum mosses. The difference is visible from space and the research has highlighted the numerous positive impacts these changes are having on the functionality and resilience of this important habitat. This webinar will look at the research findings from this ongoing experiment and the implications these have for peatland restoration at the landscape scale.

Learn more about the Water Conservators at <https://www.waterconservators.org/>



About the Speaker

Tom Spencer is a research scientist at Moors for the Future Partnership, focusing on the restoration of severely degraded peatlands and the various impacts of these works on ecosystem services. Tom has worked in collaboration with the University of Manchester and the National Trust on the experimental work on Kinder Scout since 2013, visiting the monitoring locations several hundred times for survey work as well as showing groups the sites to demonstrate the dramatic success that is possible through this kind of work.



Register For This Webinar

To attend this webinar, you will first need to register via the link below to Eventbrite. Attendance is free, there is no charge to attend. You will then receive a return email from Eventbrite with the details to join the webinar via zoom. You need to keep those details to join the webinar. Any problems contact rob.casey1@hotmail.com at least 24 hours before the start of the webinar.

<https://www.eventbrite.co.uk/e/801917245067?aff=odtdtcreator>