



The Worshipful Company of Water Conservators

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

Transfer of nutrients in runoff and other pathways from agricultural land to water: A future problem still in waiting?

Tuesday 21st January 2025 6.00pm to 7.15pm

Presented by Professor Phil Haygarth,
Director of the Graduate School for the Environment, Lancaster Environment
Centre, Lancaster University, UK



About this Webinar

This webinar will consider the transfer of nutrients and related polluting substances from agricultural land to our waterways. It will consider the UK position but also put this into a global perspective and there will be a special focus given to phosphorus, which is a topical and timely 'exemplar'. Phosphorus is a nutrient that has worked wonders for global food production, yet it is only a matter of a few decades since we started accelerating the global phosphorus cycle by moving fertiliser around the world to help food production. In some parts of the world, substantial quantities of phosphorus are now accumulating in our soils and our river catchments that pose a longer-term threat to water quality, yet to be realised. Is the link between agriculture and water quality a legacy waiting to fully emerge?

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



About the Speaker

Phil is a Professor of Soil and Water Science, and an international biogeochemist focused on nutrients, especially phosphorus, and started his research in the early 1990s at BBSRC's North Wyke (now Rothamsted Research). After joining Lancaster University in 2008, Phil led the UK National Demonstration Test Catchment consortium in the River Eden. Phil has developed the much-used diffuse pollution nutrient 'Transfer Continuum' and the ensuing 'Cost Curve' and UK 'Diffuse Pollution Inventory' models that provided the foundation for wider nutrient models being used by the UK



Government. Phil has published hundreds of refereed journal papers, some in Nature family journals and other significant published outputs, including authored books, most recently 'Phosphorus, Past and Future' (2021). Phil became Director of the Lancaster University Graduate School for the Environment in September 2022, reflecting his long-term commitment to post graduate doctoral training and has led the UKRI Centre for Doctoral Training on Soil Science (called 'STARS') from 2015-2024. Phil was the organiser of the 8th Sustainable Phosphorus Summit in Africa in Autumn 2025, to which you are all invited.

Web links

<https://www.upcyclelakes.org/sps8africa>

[Phil Haygarth](#)

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.com/e/1107338432059?aff=odtdtcreator>