Call for attendees to fully funded workshop: Capacity building for improving agricultural land productivity and water quality

01/02/2021 - 05/02/2021

Hosted at the Institute of Environmental Sciences, Kazan Federal University.

In collaboration with: Rothamsted Research: North Wyke, Okehampton, UK.

Attendee travel and attendance costs are fully funded by a British Council Researcher Links Workshop grant.
Objectives:

• 1. To generate exchange of research experience, tools and ideas between the UK and Russia early career scientists.

• 2. To demonstrate, practically, Russian state-of-the-art erosion and sedimentation monitoring to UK participants.

• 3. To present and demonstrate UK state-of-the-art sediment source fingerprinting data processing procedures.

• 4. To present UK state-of-the-art knowledge on the efficacy of water quality protection measures.

To apply for attendance please send a CV to Prof. Adie Collins at adrian.collins@rothamsted.ac.uk by the 14th August 2020.

Applicants must be based in the UK, hold a PhD or equivalent experience and have been awarded their PhD not more than 10 years prior to the workshop.
Preliminary Schedule

Day 1

Morning session (9 to 12)
Introduction to workshop aims, agenda.
Keynote - Overview of erosion and sedimentation problems and research base in Russian Federation.
Research session - poster session for Russia young scientists to give flash talks, plus take questions.
Lunch (12 - 1 pm)
Afternoon session (1 to 5 pm)
Mentor presentation - methods for erosion measurement and mapping - advantages/disadvantages.
Networking session 1 - speed networking.
Coffee break (30 mins)
Mentor presentation - methods for sediment / sedimentation measurement - advantages/disadvantages.
Networking session 2 - speed networking.
Evening - cocktail party.

Day 2

Morning session (9 to 12)
Keynote - Overview of UK sediment-related problems and research base
Research session - poster session for UK young scientists to give flash talks, plus take Questions.
Networking session 3 - speed networking.
Lunch (12 - 1 pm)
Afternoon session (1 to 5 pm)
Mentor presentation/practical demonstration - processing sourcing data in Matlab.
Networking session 4 - speed networking follow-up on Matlab procedures.
Coffee break (30 mins)
Mentor presentation/practical demonstration - processing sourcing data in R.
Networking session 5 - speed networking follow-up on R procedures.
Evening – dinner.

Day 3

Field excursion (Temev Ruchei monitoring catchment, Volga River)
Cultural visit: Rauf monastery.
Evening – dinner.

Day 4

Morning session (9 to 12)
Keynote - efficacy of water quality protection measures.
Networking session 6 - speed networking follow-up on mitigation measures Opportunities/plans/responsibilities for sustaining collaboration.