

Subject: Research Associate in Arctic geothermally heated streams, Imperial College London

This is an exciting opportunity for a Research Associate with an interest in multispecies (e.g. food web) responses to climate change. The successful candidate will work closely with Prof Woodward, Dr Tom Bell, Dr Samraat Pawar, Dr Rebecca Kordas, and Dr Eoin O’Gorman at the Silwood Campus, and their respective research groups and other members of a Natural Environment Research Council Large Grant (£3.7m), in other UK and overseas institutes. Led by Prof Guy Woodward at Imperial, much of the fieldwork will be conducted in high-latitude geothermally warmed stream ecosystems in Iceland, Greenland, Alaska, Kamchatka, and Svalbard.

The post holder will carry out cutting edge research in ecology, with a strong emphasis on combining field surveys with mesocosm experiments. The main research objective is to characterise the impacts of climate change, and warming in particular, on multiple organisational levels, from genes- to entire ecosystems, with a strong focus on the food web as a means of spanning these levels. He/she will employ advanced empirical, experimental and statistical tools and be responsible for running a set of highly-replicated pond mesocosm experiments in the UK and elsewhere. This work will complement other studies undertaken by other Research Associates in Prof Woodward's group.

You must have a PhD (or equivalent qualification) in aquatic ecology (preferably in freshwater ecology) or a closely related discipline. You must also have a strong background in general ecology, ideally in freshwater ecology, and ecological theory. Expertise in field ecology, advanced statistics and food web ecology, experience of management and analysis of complex ecological data and working in a multi-disciplinary environment are essential.

Excellent verbal and written communication skills and the ability to write clearly and succinctly for publication are essential. You must have a strong recent publication record and a track record of high quality peer-reviewed papers. You must also be able to relate well with others, form positive relationships with a wide range of people and to work as part of a team, as well as independently. The ability to develop and apply new concepts and have a creative approach to problem-solving will be required.

The position is funded for up to 43 months by NERC and will be based at the Silwood Park Campus.

Further details of the research group can be obtained from the research group website:<http://www.imperial.ac.uk/people/guy.woodward> and <https://sites.google.com/site/hengillresearch/>
Our preferred method of application is online via our website <http://www.imperial.ac.uk/employment> (please select “Job Search” then enter the job title or vacancy reference **NS 2016 009 LP** number including spaces – into “Keywords”). Please complete and upload an application form as directed.

Alternatively, if you are unable to apply online, please contact Mrs Christine Short on 020 7594 2276 or email c.j.short@imperial.ac.uk to request an application form.

Committed to equality and valuing diversity. We are also an Athena SWAN Silver Award winner, a Stonewall Diversity Champion and a Two Ticks Employer.

Apply here:

<http://www.jobs.ac.uk/job/AMW230/research-associate-in-freshwater-ecology/>

or

https://www4.ad.ic.ac.uk/OA_HTML/OA.jsp?page=/oracle/apps/irc/candidateSelfService/webui/VisVacDispPG&akRegi

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