

**From:** David Inouye  
**Subject:** Postdoc: ecohydrological modeling

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We are inviting applications for a postdoctoral research fellow in \*\_ecohydrological modelling\_\*. The post forms part of the project /VeWa: Vegetation effects on water flow and mixing in high-latitude ecosystems"/, funded by the European Research Council (ERC). VeWa is an interdisciplinary project which investigates water and plant interlinkages and consequent water availability in ecosystems to understand future responses to change. We are assessing the role of plants in moderating water stress and possible climate change in low energy environments. For more info on VeWa please see:

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The post is designed to conduct coupled hydrological/ecohydrological modelling. Qualifications for this position include a Ph.D. in hydrology, ecology, soil science, or a related field of environmental science. The successful candidate will be dynamic and motivated and have experience in the development and application of numerical models for various scales and environmental science contexts. The successful candidate should be experienced in combining process-based understanding with strong numerical / computational skills. Experience with programming is essential. Expertise in remote sensing & data assimilation and / or incorporation of tracers into hydrological models would be advantageous. Other advantageous background includes experience in working in interdisciplinary research projects, and working well in a team environment. Strong English language skills both in oral and written communication are also required.

The post is based at the Leibniz Institute in Berlin, Germany, but involves close collaboration with international project partners (in Scotland, Canada, Sweden, US). The successful candidate will be part of an exciting international team:

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The Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB) is the largest freshwater ecology research institute in Germany. It is a member of the Forschungsverbund Berlin e.V. and the Leibniz-Association ([www.wgl.de](http://www.wgl.de)). IGB offers excellent laboratory and field facilities for interdisciplinary research, large-scale experimental facilities, and long-term research programs and data sets.

\*Application deadline is 23/07/2017\*.

The position has to start at the \*01/10/2017\* and is limited to one year.

Enquiries or questions should be directed to \*Professor Doerthe Tetzlaff\* [d.tetzlaff@abdn.ac.uk](mailto:d.tetzlaff@abdn.ac.uk) <<mailto:d.tetzlaff@abdn.ac.uk>>

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\*Please apply online using this weblink:\*

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Professor Doerthe Tetzlaff

<[Personal Chair in Hydrology and Landscape Ecology](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.abdn.ac.uk_geosciences_people_profiles_d.tetzlaff&d=DwIDaQ&c=Ngd-ta5yRYsqeUsEDgxcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeATyN59ZLoI&m=VxlC1gAtX5EABL-Vuk5FyTM5mJkiotRdCXDdIR1z8p0&s=pwwzT1mGceVwpDVI0xDmOZlyrMtZpM-lrf-dWFi31cE&e=> FRSE,<br/>MSc, PhD, DSc</a></p></div><div data-bbox=)

Director of Research School of Geosciences

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University of Aberdeen

Aberdeen Scotland, UK AB24 3UF

phone: +(0)1224 273702

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