



University of London

Hydrological Modeller

Department of Geography, School of Social Science and Public Policy

The Department of Geography, School of Social Science and Public Policy is seeking a **hydrological scientist** at the postdoctoral level to work towards quantifying the likely change in flood risk over the next 100 years for a major UK river. An integral part of this endeavour is the development of an uncertainty assessment framework. This framework will apply different approaches for generating precipitation fields (linked climate scientist position) for input into cascaded hydrological rainfall-runoff and flood inundation models (**hydrological scientist**).

Applicants for the hydrological modeller position (36 months commencing 1 September 2007) should have expertise in the application and development of flood inundation and/or catchment hydrology models. An excellent computing ability is essential and experience with uncertainty assessment techniques would be an advantage. **Reference W1/DAR/40/07.**

There is also an additional post associated with this research proposal. The climate scientist position (30 months commencing 1 September 2007) we are interested in applicants with expertise in the management and analysis of climate model output and downscaling techniques. This research will generate ensembles of extreme precipitation fields produced from two contrasting approaches for climate change scenarios. **Reference W1/DAR/41/07.**

Additional information on these research topics can be found at the project website at <http://www.hydroclimate.org/> - importantly further details regarding the application process and for a detailed job description should use the 'Further Details' links below.

KCL is situated in the heart of London and both posts are offered at level RA1A point 6 currently £23,118 per annum plus £2,323 London Allowance per annum. The postholders will join an established research team at KCL, Lancaster University and Exeter University, and although the posts will be London-based, they will involve a high level of interaction with Lancaster, Exeter, the Hadley Centre, the Environment Agency and other project partners.

Application Process and Further Details:

Informal enquires regarding either post are welcome, and can be made to Professor Glenn McGregor (glenn.mcgregor@kcl.ac.uk) or Dr Jim Freer (j.freer@lancaster.ac.uk).

Application instructions, detailed candidate requirements and further particulars can be obtained by post from Human Resource Services, King's College London, London, WC2R 2LS, by email, strand-recruitment@kcl.ac.uk or by fax (44) 207 848 1352. Please quote reference number W1/DAR/41/07 /for the climate science post and W1/DAR/40/07 for the flood modelling post.

Candidates can ask to be considered for one or both positions. **Application deadline is 11 April 2007.** Interviews are expected to take place in late April/early May 2007.

[Further Hydrological Modeller Details](#)

[Further Climate Modeller Details](#)

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