

Research Fellow in Global Tropical Storm Tracking

Department of Space and Climate Physics - University College London

Applications are invited for the above industry-funded Research Fellow position, commencing immediately and funded initially for 12 months. Candidates should have sound experience of Java, HTML (including Cascading Style Sheets) and UNIX computing, be competent in probabilistic data analysis, and hold a First or Upper Second class degree in a relevant computational, mathematical or physical subject. Knowledge of meteorology, forecasting and skill assessment would be an advantage but is not essential.

The successful applicant will work on developing and maintaining the global tropical storm tracker (www.tropicalstormrisk.com) launched by the Tropical Storm Risk (TSR) venture in May 2003. The tracker allows insurers, risk managers and other business professionals to increase their awareness of tropical storm activities and to enhance their ability to anticipate the risk, disruption and loss which these damaging weather systems cause worldwide. The tracker also benefits government and society. A real-time feed to the Reuters Foundation AlertNet (www.alertnet.org) news organization will be launched in January 2004 to alert the global humanitarian aid community to potential tropical storm emergencies.

The Research Fellow's brief will include: (1) daily monitoring of the storm tracker and the Reuters feed; (2) creating an automatic storm alert e-mail system; (3) introduction of storm forecast strike probabilities out to 5 days lead; (4) building an archive of historical tropical storms, windfields and losses; (5) improving the tracker display on Mac and Unix systems; (6) improving the geographical display of country/city names; (7) maintaining the TSR main web site and logger.

The post will be based in UCL's Climate Physics Group at Holmbury St Mary, near Guildford, in Surrey. The successful applicant will join an internationally competitive group researching the seasonal prediction and tracking of weather and extreme weather. Excellent computer facilities and climate data are available to support the work.

Starting salary will be in the range £22,954 to £26,327 per annum depending upon age and experience.

Applications (comprising a detailed curriculum vitae and the names and addresses of three referees) should be sent to:

Dr Mark Saunders
Lead Scientist, TropicalStormRisk.com
Department of Space and Climate Physics
University College London
Holmbury St Mary, Dorking
Surrey RH5 6NT
UK.

The closing date for applications is Friday 30th January 2004.

For further information please visit <http://tropicalstormrisk.com>, telephone +44 (0)1483-204187 or e-mail: mas@mssl.ucl.ac.uk.