

Subject: Postdoctoral Fellow Positions in Digital Soil Mapping

The Division of Plant and Soil Sciences, in the Davis College of Agriculture, Forestry, and Consumer Sciences at West Virginia University, is seeking to fill two postdoctoral positions in soil science. Both positions are 12-month, non-tenure, 100% research positions. Both positions are in the National Geospatial Development Center. Each position is for a minimum of two years. Salary will be commensurate with qualifications and experience.

RESPONSIBILITIES

The postdoctoral fellows will conduct research on the development of digital soil property maps at regional and continental scales in support of the GlobalSoilMap.net project. Efforts will include regionalizing and disaggregating existing vector soil survey information, incorporating existing and new point data, and investigating the use of raster data sources to improve the spatial prediction of soil classes and soil properties. Applicants should have an interest in studying soil variability and spatial modeling, as well as an understanding of geographic information science and statistical modeling techniques.

QUALIFICATIONS

A Ph.D. in Soil Science or related field is required. Additional requirements include demonstrated expertise in spatial and multivariate statistics, geographic information systems, and database management, as well as effective written and verbal communication skills. Experience with SQL Server, Access, or any ESRI software is highly desirable.

HOW TO APPLY

Applicants must submit an application letter with specific information on disciplinary focus, professional activities, and other information relevant to meeting the position qualifications; detailed curriculum vitae specifying education, experience, and qualifications; transcripts; and three reference letters to Dr. Barton Baker, Division of Plant and Soil Sciences, West Virginia University, PO Box 6108, Morgantown WV, 26506-6108. Phone (304) 293-4817; FAX (304) 293-2960. Electronic applications will not be accepted. Review of applications will begin after October 31, 2009 and continue until the positions are filled.

FOR MORE INFORMATION

Visit http://www.caf.wvu.edu/plsc/soilscience/postdocs_DSM.pdf, or contact Jim Thompson (304-293-6023 x4348; james.thompson@mail.wvu.edu).

WVU is committed to widening its faculty diversity. Women and minorities and those with disabilities are encouraged to apply. West Virginia is an Equal Opportunity, Affirmative Action Employer

James A. Thompson, Ph.D.

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WWW: <http://www.ngdc.wvu.edu/>

Subject: Postdoctoral positions INRA infoSol unit

Dear colleagues,

The INRA infoSol unit is looking for Postdoctoral applicants.

1) Spatial analysis and modeling of trace elements distribution in France on the basis of the French soil monitoring data. Skills : geostatistics, soil science, trace elements, modelling. Duration 18 months. Starting date ASAP, ca 1,800€ net per month,

2) Spatial analysis and modelling of soil organic carbon in France on the basis of the French soil monitoring data Skills : geostatistics, soil science, carbon, modelling. Duration 18 months. Starting date ASAP, ca 1,800€ net per month,

3) Spatial analysis and modelling of soil organic carbon in a region of France on the basis of the French soil monitoring and historical data Skills : geostatistics, soil science, carbon, modelling. Duration 24 months. Starting date ASAP, ca 1,800€ net per month,

4) Digital Soil Mapping of a French region using DEM, geological maps, point data and gamma ray airborne measurements Skills : mapping, classifications, regression trees, remote sensing, grid data processing, GIS statistics. Duration 12 months. Starting date december 2009 or January 2010, ca 1,800€ net per month, for this application candidates should be foreigners (NOT FRENCH).

Applications 1 to 3 are open to all nationalities, application 4 is only for foreigners. Fluent English (at least scientific one) is required, knowledge of some French is appreciated but not mandatory.

Applicants should send their CVs, list of publications and a letter to

Dominique.Arrouays@orleans.inra.fr