

Post Doc position – Improvement and scaling of crop models for climate impact research (Bonn, Germany)

The Crop Science Group at the Institute of Crop Science and Research Conservation (INRES), University of Bonn, offers a Post Doc position with the major tasks to improve crop models and to develop methods for the application of these at larger spatial scales to assess the impacts of climate change on food production and to explore adaptation strategies at national and continental scale.

Main activities of work of the above position comprise (i) research on the up-scaling of crop models including uncertainty analysis of models and scaling methods and (ii) model comparison and improvement taking into account identified shortcomings of existing modeling approaches and scaling methods. The successful candidate will contribute to several international research projects and modeling initiatives like the global Agricultural Model Intercomparison and Improvement Project (AgMIP, <http://www.agmip.org/>) and the European MACSUR Project (Modelling European Agriculture with Climate Change for Food Security, <http://www.macsur.eu/>).

We are looking for a highly motivated person to work in an interdisciplinary and international team. The successful candidate has a PhD degree in agriculture, plant sciences, geo-ecology or related sciences with a background in crop production and expertise in using and improving crop simulation models. Experiences in the use of geographical information systems and database management is an advantage as are the regional application of crop models and the use of object oriented programming languages (Java, C#). The ability to frequently travel within Europe and further abroad is expected and a good command of English is required.

We offer a full position paid according to the German regulations for scientists at the Post Doc level (TVL-13). Applicants with more than three years of experiences in scientific research may be eligible for additional upgrades. The initial contract will be for a period of one year with the possibility of further extension to three years. The position is available immediately.

Applications of handicapped persons will be favored when all other qualifications are equal. Female candidates are encouraged to submit their applications. Applications (CV, PhD/MSc diplomas, statement of research interests and achievements, three names of referees) will be considered until the position is filled and should be sent to:

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For further information concerning our research group you can visit our website at http://www.lap.uni-bonn.de/home?set_language=en.