

The **Faculty of Environment and Natural Sciences** of the Brandenburg University of Technology (BTU) Cottbus–Senftenberg invites applications for a joint professorship with the Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg commencing at the earliest opportunity:

PROFESSORSHIP INTEGRATED CROP SYSTEMS ANALYSIS AND MODELLING (w2)

The successful candidate is expected to conduct innovative research in integrated crop systems analysis and modelling across field, landscape, regional and global scales. Model developments and applications should focus on issues related to food security, sustainable intensification and climate change. They should integrate crop systems processes with socio-economic relationships and consider interactions with policy makers and other stakeholders. An important focus is on risk assessment to climate change across world regions, with particular emphasis on small-holder farming systems. A profound understanding of crop production systems in developed and particularly in developing countries, will be required as well as expertise in model development, model integration and field experimentation. Proof of active involvement and contribution to international programmes, networks and initiatives as relevant for this position is essential.

The position will be located at ZALF in Müncheberg, close to Berlin. The candidate will become co-head of the Research Area 3 "Landscape Research Synthesis" at ZALF. The joint professorship will be filled under the Jülich Model, with a teaching obligation of a minimum of 2 hours per week and semester at the BTU, generally in English language. Teaching may be clustered to specific time slots within the semester. It is expected that the successful candidate fosters research cooperation between ZALF and BTU in the field of integrated cropping systems modelling. For further information contact:

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Other duties result from the requirements set by § 42 Brandenburgisches Hochschulgesetz (Higher Education Act of the State of Brandenburg - BbgHG) in conjunction with § 3 BbgHG. Prerequisites and conditions of employment follow §§ 41 paragraph 1 (no. 1 - 4a) and 43 of the BbgHG. Particularly, candidates need to document a Habilitation or comparable scientific achievements and a clear scientific profile. An excellent record of publications in peer-reviewed journals and experience in the acquisition and realization of third-party funded projects in the field is expected. The field of research should be relevant for DFG (German Research Foundation) funding.

BTU and ZALF seek to increase the proportion of women in research and teaching and particularly encourage female applicants to apply for this position. ZALF and BTU are certified family friendly institutions, BTU offers Dual-Career-Services. Severely disabled applicants will be given preferential consideration in the event of equal qualification.

Applications must include an informative CV with representation of the candidate's academic education and career, publications, teaching records, academic certificates, 3 references (contacts only, no reference letters required), and a description of research interests and should be send as a single pdf file with a max. file size of 7 MB by **10 July 2020** to

**Chair of the Faculty of Environment and Natural Sciences,
BTU Cottbus – Senftenberg;
Email: fakultaet2+bewerbungen@b-tu.de**



The BTU carries the seal of quality of The German Association of University Professors and Lecturers (Deutscher Hochschulverband, in short DHV). She is thus honored for her fair and transparent negotiations on the appointment of new professors.