

Prof. Dr. Heidi Webber

Position: Co-Head of Research Area 3
Head of WG Integrated Crop Systems Analysis
Professor of Integrated Crop Systems and Modelling, Brandenburg
University of Technology Cottbus-Senftenberg



Academic education and scientific degrees

01/2004 – 05/2008 PhD, Bioresources Engineering, McGill University, 2008
09/2001 – 12/2003 BAsC, Bioresources Engineering, McGill University, 2004
09/1991 – 04/1995 BSc, Physics, Acadia University, 1995

Professional experience

Since 01/2022 Professor (W2), Brandenburg Technical University- Cottbus, Germany
Co-Head, Research Area 3: Agricultural Landscape Systems, ZALF, Germany

Since 02/2019 Working Group Leader, Integrated Crop System Analysis, ZALF, Germany

05/2012 – 01/2018 Postdoc, University of Bonn, Germany

06/2011 – 05/2012 Water Management Technical Advisor, VSO/MADAM, Sierra Leone

08/2009 – 06/2011 Assistant Professor, Bishops' University, Canada

01/2008 – 06/2011 Organic Vegetable Farmer, Ferme Mangetout, Canada

01/2004 – 05/2008 PhD Researcher, McGill University, Canada and Uzbekistan

Research Profile

Background

- Crop abiotic stressors
- Systems agronomy in smallholder farming contexts
- Climate risk

Research Activities

- On-farm experimentation
- Biophysical model development
- Model based impact assessments

Functions and memberships

- Editor, Agricultural and Forest Meteorology
- External Advisory Committee Member, CGIAR Excellence in Agronomy
- Editorial board member, in Silico Plants

Other

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Natural Sciences & Engineering Research Council of Canada (NSERC) Postgraduate & NSERC
Alexander Graham Bell Graduate Scholarships