

Curriculum Vitae

Prof. Dr. Camilla Wellstein

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Affiliation

Faculty of Agricultural, Environmental and Food Sciences, Free University of Bozen-Bolzano

Competence Center of Economic, Ecological and Social Sustainability (CEES), Free University of Bozen-Bolzano

Current positions

Associate Professor (since January 2021)

Head of the Research Macroarea *Analysis and Management of Mountain Ecosystems* at the
Faculty of Agricultural Environmental and Food Sciences

Member of the Governing body of the Competence Center of Economic, Ecological and Social Sustainability

Head of the Research Macroarea *Environmental Sustainability* of the Competence Center of Economic, Ecological and Social Sustainability

Education

- 04/2018: Italian National Habilitation for Full Professor (Abilitazione Scientifica Nazionale Fascia I, settore concorsuale 05/A1 Botanica)
- 04/2017: Italian National Habilitation for Associate Professor (Abilitazione Scientifica Nazionale Fascia II, settore concorsuale 05/A1 Botanica)
- 11/2016: Dr. habil. (Habilitation in Botany) – University of Regensburg, Germany
- 01/2007: PhD (Dr. rer. nat.) – University of Giessen, Germany
- 10/2002: Diploma of Biology – University of Freiburg, Germany

Academic experience

- Junior Professor (01/2018-01/2021) – Free University of Bozen-Bolzano
- Assistant Professor (07/2013-01/2018) – Free University of Bozen-Bolzano
- Postdoc (03/2009-06/2013) - University of Bayreuth, Germany
- Assistant Scientist (05/2006-02/2009) – University of Frankfurt, Germany
- Research Assistant (04/2003-04/2006) – University of Giessen, Germany

Teaching appointments

- Statistical methods for agricultural and environmental sciences (PhD program 'Mountain Environment and Agriculture')
- Principles of Botany (BSc 'Sustainable Agriculture and Forestry in Mountain Environments')
- Structure and Function of Mountain Ecosystems (BSc 'Sustainable Agriculture and Forestry in Mountain Environments')
- Advanced ecological restoration and protection forestry (MSc 'Environmental Management of Mountain Areas')
- Valutazione delle alterazioni degli ambienti terrestri (module of the Level II Master 'Gestione sostenibile del Rischio Idro-geologico in ambienti montani')
- Elementi di base della biologia e della chimica per la loro didattica con particolare attenzione alla fascia di età (0)-2-7 (laboratory of the MSc Scienze della Formazione primaria)

Research interests

The ultimate goal of her research is to predict effects of land-use, environmental and climate variation on plant species and ecosystems and to preserve biodiversity and manage natural resources in a sustainable way. Her research embraces methods from molecular biology to biogeography and covers forests, shrublands, grasslands, and high mountain ecosystems. She uses monitoring, experimental approaches and modelling and is specialized in climate change research, vegetation dynamics, functional plant ecology, landscape-ecology, disturbance ecology, nature conservation, ecosystem management and restoration, and sustainability research. With her research group, she currently works on biodiversity dynamics in the Italian Alps, endemic plant species of the Dolomites, plants in climatic refugia, plant functional variation along environmental gradients, forest adaptation to climate change in Europe, South Africa and the Himalaya and on ecosystem restoration in Europe and Latin America.