

Curriculum Vitae

Prof. Dr. Anke Jentsch (13.12.1971)

Professor of Disturbance Ecology and Vegetation Dynamics,
University of Bayreuth, Germany

Universitaetsstr. 30, 95447 Bayreuth, Germany
Phone: +49 921 55 2290, Fax : +49 921 55 2315
E-Mail: anke.jentsch@uni-bayreuth.de
Website: <http://www.disturbance.uni-bayreuth.de>



Current Research Topics / Expertise

Disturbance ecology and vegetation dynamics
Climate change research and extreme events
Experimental plant community ecology
Alpine plant ecology and island biogeography
Theory of pulse dynamics and biotic interactions

Scientific & Professional Career

- 1992-97 Biology, Univ. of Erlangen-Nürnberg
(Diploma, grade 1.0 with Highest Honors)
- 1997-01 PhD, Experimental Ecology, Bielefeld
University (Dr. rer. nat., Summa cum laude)
- 2001-04 Post-doc, Disturbance and Vegetation
Dynamics, Helmholtz Center UFZ, Leipzig
- 2004-09 Junior Professor, Disturbance Ecology and
Vegetation Dynamics, Univ. of Bayreuth
- 2009-11 Associate Professor, Geocology /Physical
Geography, Univ. of Koblenz-Landau
- 2011 - Associate Professor, Disturbance Ecology
and Vegetation Dynamics, Univ. Bayreuth**
- 2015 Distinguished Visiting Professor (sabbatical)
University of Chapel Hill, NC, USA
- 2019/20 Distinguished Visiting Professor (sabbatical)
Victoria University Wellington, New Zealand
- 2023/24 Visiting Professor (sabbatical)
Universidad de Granada, Spain

Honors / awards / commissions of trust

- 2024 - 2029: Evaluator panel Research Awards by
Alexander v. Humboldt Association AvH
- 2023 - 2024: Evaluator panel SNSF Starting Grants
- 2021 - 2025: Evaluator panel LS8 ERC Starting Grants
- 2007: Member of the Board „Die Junge Akademie“,
of „BBAW“ and „Leopoldina“
- 2003: Horst-Wiehe Award: Gesellschaft für Ökologie
- 2001: Dissertation Award: Univ. Gesellschaft Bielefeld
- 1991: Rotary Scholarship, Atlanta, GA, USA

Scientific steering committees

Drought-Net: global experimental drought network
HerbDivNet: global network on productivity/richness
SIGNAL BiodivERsA: European Gradients of Resilience
in the Face of Climate Extremes: Head of consortium
Bayer. Academy of Sciences – Forum Ecology
Global-ERCaN: Ecosyst Restor and Carbon Neutrality
Präsidialkommission Internationales 2024 -2028

Selected Publications (ORCID: 0000-0002-2345-8300)

h-index: 61^{WoS} | 76^{GS} | 15338 cit^{WoS} | 25482 cit^{GS}

- Pärtel M, ... **Jentsch A**, et al. (2025): Global scale impoverishment of natural vegetation revealed by dark diversity. *Nature* forthcoming
- Smith M, ... **Jentsch A**, et al. (2024): Extreme drought impacts have been underestimated in grasslands and shrublands globally. *PNAS* 121 (4) e2309881120.
- Maestre FT, ... **Jentsch A**, et al. (2022): Livestock grazing and ecosystem service delivery in global drylands. *Science* 378(6622): 915-920.
- Wohlgemuth T, **Jentsch A**, Seidl R (2022): Disturbance Ecology. *Landscape Series* 32, Springer, 396 pp.
- Jentsch A**, White PS (2019): Toward a theory of pulse dynamics and disturbance in ecology. *Ecology*, 100(7)
- Isbell F, Craven D, ..., **Jentsch A**, et al. (2015): Biodiversity increases resistance of ecosystem productivity to climate extremes. *Nature* 526: 574-577.
- Fraser LH, Pither J, **Jentsch A**, et al. (2015): Worldwide Evidence of a Unimodal Relationship Between Productivity and Plant Species Richness. *Science* 349: 302 - 305.
- Jentsch A** et al. C (2007): A new generation of climate change experiments: events not trends. *Frontiers Ecology and Environment* 5(7): 315-324.