Prof. Dr. Anke Jentsch — Curriculum Vitae

Professor of Disturbance Ecology

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Scientific & Professional Career

1991 -92	Anthropology, Oglethorpe University, Atlanta, USA
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 for Environmental Research UFZ Leipzig
2004-09	Junior Professor, Disturbance Ecology and Vegetation Dynamics, Univ. of Bayreuth
2009-11	Full Professor, Geoecology /Physical Geography, Univ. of Koblenz-Landau
2011 -	Full Professor, Disturbance Ecology, Univ. of Bayreuth, Germany

Current Research Topics / Expertise

Disturbance ecology and resilience
Climate change research and extreme events
Biodiversity and conservation
Experimental community ecology
Ecological Novelty and invasion

Graduate Advisory Experience

8 Post-docs, 19 PhD-students, numerous Master, Diploma and Bachelor students

Honors and Awards

2010: Invited to Academia-Net: Excellence portal
2007: Member of the Board „Die Junge Akademie“, Berlin-Brandenburgische Akademie der Wissenschaften und der Deutschen Naturforschenden Gesellschaft Leopoldina
2003: Horst-Wiehe Award: Gesellschaft für Ökologie
2001: Dissertation Award: Westfälische Universitätsgesellschaft Bielefeld

Service in Steering Committees

Drought-Net (global experimental network to assess terrestrial sensitivity to drought)
HerbDivNet (global network on productivity/richness)
ClimMani (EU Cost Action: Climate Change Manipulation Experiments in Terrestrial Ecosystems)
SIGNAL (BiodivERsA European Gradients of Resilience in the Face of Climate Extremes): Princip. Investigator

Selected Publications

(h-index= 26[ISI] | 34[GS] | 2884 cit[ISI] | 4968 cit [GS] I Jan. 2018)

1. **Jentsch A**, White PS (in review): Toward a theory of pulse dynamics and disturbance in ecology.
2. Kreyling J, et al. & **Jentsch A** (2017): Species richness effects on grassland recovery from drought depend on community productivity in a multi-site experiment. *Ecol Let 20(11):1405-1413.*
3. Steinbauer MJ, Field R, … **Jentsch A**, et al. (2016): Topography-driven isolation, speciation and a global increase of endemism with elevation. *Global Ecology Biogeography 25(9): 1097–1107.*
4. Isbell F, Craven D, et al., **Jentsch A**, et al. (2015): Biodiversity increases the resistance of ecosystem productivity to climate extremes. *Nature 526: 574-577.*
5. 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.*
6. **Jentsch A** et al. (2011): Climate extremes initiate plant regulating functions while maintaining productivity. *Journal of Ecology 99: 689-701.*
7. **Jentsch A** et al. C (2007): A new generation of climate change experiments: events not trends. *Frontiers Ecology and Environment 6(6): 315-324.*
8. White PS, **Jentsch A** (2001): The search for generality in studies of disturbance and ecosystem dynamics. *Progress in Botany 63: 399-449.*