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## Anne Zemmrich - Curriculum Vitae

Nationality - German, FRG

### Education and Academic Positions:

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| --- | --- |
| Since 2010  | Postdoctoral Research Associate, Department of Ecosystem Science and Management, A&M University of Texas, USA  |
| 2007 - 10  | Research Associate, Institute of Botany and Landscape Ecology, University of Greifswald, FloraGREIF - The Virtual Flora of Mongolia,<http://greif.uni-greifswald.de/floragreif/>  |
| 2007   | Dr. rer. nat. (PhD), Thesis Vegetation-Ecological Investigations of Rangeland Ecosystems in Western Mongolia: The Assessment of Grazing Impact at Various Spatial Scale Levels, Institute of Botany and Landscape Ecology, University of Greifswald, Germany  |
| 2006 - 07  | Thesis Completion, Institute of Botany and Landscape Ecology, University of Greifswald  |
| 2002 - 05   | Research Fellow, Institute of Botany and Landscape Ecology, University of Greifswald, Project Changing Pastoral Ecosystems in Western Mongolia: A Landscape-Ecological Approach for Assessing Grazing Land Degradation and Gazing Capacity  |
| 2000 - 01  | Research Associate, Institute of Botany and Landscape Ecology, University of Greifswald, Projects Biodiversity Dynamics of Salt Grasslands in the Bodden Landscape of Western Pomerania, Germany (BIOLOG-program, BMBF) & Preparation of a Research Project on Rangeland Ecology in Steppe and Mountain Ecosystems of Western Mongolia  |
| 1999 - 01  | Consultant, Mapping of Ecological Units Protected by Nature-Protect Law (§ 20 NatSchAG M-V). [In Germany, the federal state authorities take the initiative in conserving habitats. To maintain consistency with urban or rural planning, a survey of ecological units covering potentially protected habitats is conducted by order of the authorities.]  |
| 1998 - 99  | Research Associate in the Leibniz Centre for Agricultural Landscape Research (ZALF) Müncheberg, Germany, Project 20 Year Trend Analysis of the Impact of Lime Dust Emission on Soil and Vegetation in Forests of Brandenburg, Germany  |
| 1997 - 98  | Research Associate, Institute of Botany and Landscape Ecology, University of Greifswald and Consultant of the German Nature and Biodiversity Conservation Union (NABU), Project Establishment of a Biosphere Reserve in the Central Tien Shan, Kyrgyzstan  |
| 1997   | Diploma (BA) in Botany and Landscape Ecology, magna cum laude, Institute of Botany and Landscape Ecology, University of Greifswald, Thesis Environmental Characterization of a High Mountain Lake in the Central Tien Shan Mountains in Kyrgyzstan for a Prospective Biosphere Reserve (in German)  |
| 1990 - 97  | Study of Biology / University of Jena & University of Greifswald, Germany  |
| 1988 - 89   | Job Training and Employment as Biological Laboratory Technician: Lab Diagnostics in Molecular Biology  |
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### Teaching and Scientific Activities:

##### Scientific Workshops:

* Inter- and Transdisciplinary Research on Sustainable Resource Use - Experiences, Methods & Instruments, 01/30 - 02/01 2009, Helmholtz Centre for Environmental Research (UFZ) Leipzig, Conception and Organization, Conduct of Session 1b Stakeholder Integration, <http://www.ufz.de/index.php?en=17271>
* Rangeland Ecology and Management of Drylands, 02/02 - 03 2008, UFZ Leipzig, Ecological Society of Germany, Conception and Organization, Conduct of Session: Range Health Assessment in Non-Equilibrium Systems  Are there Indicators?, <http://www.badr-online.de/abstracts_workshop_2008>

##### Seminars Taught at University of Greifswald, Germany:

* Regional and Cultural Studies, Soil and Vegetation of Mongolia, for Graduates 6.-8. FS, WS 02/03
* Land Use and Nature Conservation in the Transformation Countries of Eurasia, for Graduates 6.-8. FS, WS 00/01, (with Prof. M. Succow, T. Tennhardt)
* International Environmental and Developmental Problems, for Graduates 6.-8. FS, WS 97/98, (with Prof. M. Succow, T. Tennhardt)

##### Students and Assisted Theses:

* Lea Goepfert: Vegetationsökologische Untersuchungen zum Einfluss von Beweidung in drei unterschiedlichen Steppenökosystemen der Westmongolei. Diploma Thesis (MS), Institute of Botany, University of Hamburg, 2006, (with Prof. U. Schickhoff, Hamburg)
* Saskia Kenter: Pastoral Utilization Patterns of Selected Herders in Khovd Aimag, Western Mongolia. Graduate Project, Institute of Botany and Landscape Ecology, University of Greifswald, 2005.
* Andrea Strauss: Characterization of Typical Plant Communities of the Wetlands of the Khar Us Nuur National Park in Western Mongolia. Analysis of the Site Requirements of Vegetation and of the Effects of Degradation. Diploma Thesis (MS), Institute of Botany and Landscape Ecology, University of Greifswald, 2004, (with Prof. M. Succow, Greifswald)
* Catharina Knopf & Gerrit Werhahn: Veränderungen der Vegetation entlang von Beweidungsgradienten in vier verschiedenen Vegetationszonen des Khovd-Aimag / Westmongolei. Diploma Thesis (MS), Institute of Landscape Planning and Landscape Ecology, University of Rostock, 2004, (with Prof. U. Schickhoff, Hamburg)
* Martin Kretschmer: Vegetationskartierung in der westlichen Mongolei mit Hilfe der Fernerkundung. Diploma Thesis (MS), Institute of Botany and Landscape Ecology, University of Greifswald, 2004, (with Prof. M. Succow & Prof. R. Zölitz, Greifswald)
* Claudia Oehmke: Wuchs- und Vitalitätsuntersuchungen an den Halbwüstensträuchern Artemisia xerophytica, Caragana leucophloea und C. bungeii auf den Weiden der Westmongolei. Graduate Project, Institute of Botany and Landscape Ecology, University of Greifswald, 2004, (with Prof. M. Schnittler, Greifswald)

### Honors and Awards:

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| Since 2010  | Full Postdoc Research Fellowship from the German Science Foundation (DFG)  |
| 2002 - 06  | Diverse Travel Grants from the German Academic Exchange Service (DAAD) and the Hans Böckler Foundation, Germany  |
| 2002 - 05  | Full PhD Scholarship of the Hans Böckler Foundation, Germany  |
| 1998  | Research Scholarship of the Hans Böckler Foundation  |
| 1997  | Research Scholarship of the University of Greifswald (HSP III), Germany  |
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### Grants:

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| 2010 - 12  | Postdoc Research Fellowship incl. Travel Grant of the German Research Society (DFG) Development of a Plant Functional Group Classification to Support the Application of State-and-Transition Models (GZ ZE 794/1-1),  95,150  |
| 2007 - 10  | Program of Scientific Literature Supply and Information Systems of the German Research Society (DFG), FloraGREIF  Greifswalds Digital Information System on the Flora of Mongolia (ZO 220/3-1), Co-PI with Sabrina Rilke, Reinhard Zölitz and Martin Schnittler (University of Greifswald),  235,200,[http://greif.uni-greifswald.de/floragreif/](http://greif.uni-greifswald.de/Floragreif/)  |
| 2002 - 07  | Partnership Program of the Volkswagen Foundation, Changing Pastoral Ecosystems in Western Mongolia (Khovd Aimag): A Landscape-Ecological Approach for Assessing Grazing Land Degradation and Grazing Capacity (I/77 426), Co-PI with Udo Schickhoff (University of Greifswald) and Gendenzhavyn Nyamdavaa (Mongolian State University Khovd),  99,100,<http://mongolia.uni-hamburg.de/>  |
| 2002 - 05  | PhD Scholarship from the Hans Böckler Foundation, Germany for Doctorate Studies in Mongolia (9445),  40,320  |
| 2002 - 07  | Diverse Travel Grants from the German Academic Exchange Service (DAAD) and the Hans Böckler Foundation, Germany,  10,850  |
| 2000 - 01  | The Stifterverband für die Deutsche Wissenschaft, Preparation of a Research Project on Rangeland Ecology in Steppe and Mountain Ecosystems of Western Mongolia (T 206/03.002/00), PI, DM 26,900  |
| 1998           | Research Scholarship of the Hans Böckler Foundation, The Biosphere Reserve Issyk Kul and Sustainable Land Use in Kyrgyzstan, PI, DM 5,400  |
| 1997  | Research Scholarship of the University of Greifswald (HSP III), Germany, The Biosphere Reserve Issyk Kul in Kyrgyzstan, PI, DM 7,000  |
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### Professional Affiliations:

Ecological Society of Germany, Austria and Switzerland (GfÖ)

International Association of Landscape Ecology (IALE)