

## DRECHSLER, MARTIN, DR. (OBTAINED 1994)

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**PROPOSED ROLE:** INTERNATIONAL COLLABORATOR

**CURRENT POSITION:** Senior Researcher at UFZ – Centre for Environmental Research,  
Leipzig, Germany

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### ***Research activities and impacts***

- Co-founder of a research group that is now a European leader in the field of integrating ecology and economics for the development of market-based conservation instruments
- Application of tradable property rights to biodiversity conservation (research funded by the European Science Foundation; rated among top 10 out of 300 proposals across Europe)
- Partner in various other European scale research projects

### ***Examples of advice to government and industry***

- Population viability analysis of the Orange-bellied Parrot: conducted for Biosis Research Pty, Port Melbourne, within an environmental impact statement for wind farms in Tasmania
- Workshop with leading German conservation policy makers and scientists to discuss innovative conservation policies

### ***Most significant recent publications***

Wätzold, F., Drechsler, M., Armstrong, C.W., Baumgärtner, S., Grimm, V., Huth, A., Perrings, C., Possingham, H.P., Shogren, J.F., Skonhofs, A., Verboom-Vasiljev, J., Wissel, C. (in press): Ecological-economic modeling for biodiversity management: Potential, pitfalls, prospects, in: **Conservation Biology**

Drechsler, M., Wätzold, F.: (in press) The optimal dynamic allocation of conservation funds under financial uncertainty. **Ecological Economics**

Wätzold, F., Drechsler, M. (2005): Spatially uniform versus spatially heterogeneous compensation payments for biodiversity-enhancing land-use measures. **Environmental and Resource Economics** 31, 73-93.

### ***Publication summary 2001 to present***

Number of peer-reviewed papers:	(covering both ecological and economic journals) 18
Number of book chapters:	11
Other publications:	5

### ***Research Training***

- Co-ordinator of a research and training project (volume €280,000; funded by the European Union) on ecological-economic modelling for designing biodiversity conservation policies
- Organiser of an international training course on ecological-economic modelling (funded by the European Union)

### ***Major awards and prizes***

- 1995-1997: Deutsche Forschungsgemeinschaft (DFG) Postdoctoral Fellowship

### ***Other recent evidence of impact and standing***

- 2002: Own research was selected to represent the research of the UFZ-Centre for Environmental research in the year book of the German Helmholtz-Gesellschaft (HGF, c.10000 scientists)
- 2004: Selected as one of 40 key scientists (out of c. 400) to present UFZ in a major international evaluation.