

Anika Neu



Personal

Date of birth: 26th of June 1991

Place of birth: Güstrow (GER)

Nationality: German

Contact

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Research interests

- Evolutionary ecology
- Life-history evolution
- Species responses to environmental change
- Range dynamics
- Conservation biology
- Insect-plant interactions

Education & Scientific Career

05/2017 - present **PhD candidate**

in: The **Animal Ecology** working group at University of Greifswald

Topic: *"The areal expansion of the butterfly species *Pieris mannii*"*

10/2014 - 12/2016 **Master of Science**

in: **Biodiversity, Evolution and Ecology** (Free University of Berlin)

Master-Thesis: *"Age- and sex-specific parental effects on offspring growth and performance in a long-lived seabird, a longitudinal study"*

03/2016 – 07/2016 **Field work**

at: The institute for **Avian Research** (Wilhelmshaven)

09/2015 - 12/2015 **Internship**

in: The **Evolutionary Ecology** working group at the IZW (Berlin)

10/2011 - 10/2014 **Bachelor of Science**

in: **Environmental Science** (Leuphana University of Lüneburg)

Bachelor-Thesis: *"The impact of drought on beech forests, influenced by nitrogen pollution and different regions of origin"*

Skills & Work techniques

- Field work experience with:
 - Birds: Observations, chick ringing and colony checks in a "Common Tern" colony
 - Insects: Collecting butterflies in IT, FR and GER
 - Mammals: Capturing and radio-collaring foxes
- Laboratory work experience with:
 - Butterflies (*Pieridae* & *Bicyclus*): Phenotypic traits (behavioral, physiological and morphological) and their level of plasticity
 - Plants: Basic plant component analyses
- Species distribution modeling (using R)

UNIVERSITÄT GREIFSWALD
Wissen lockt. Seit 1456




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UNIVERSITÄT LÜNEBURG



**Leibniz Institute for Zoo
and Wildlife Research**
IN THE FORSCHUNGSVERBUND BERLIN E.V.

Languages

English	■ ■ ■ ■ □
Spanish	■ ■ □ □ □
German	■ ■ ■ ■ ■

Computing

R	■ ■ ■ □ □
SPSS	■ ■ ■ □ □
Microsoft Office	■ ■ ■ □ □

Teaching

At Greifswald University:

- Supervision of seminars and laboratory / field courses in:
 - Animal ecology (2017, 2018)
 - Evolutionary ecology (2017, 2018)
 - Theoretical ecology (2019)
- Supervision of Bachelor and Master students

Talks & Conference Contribution

- Talk “*Host plant use in a range expanding butterfly species*” at
 - DZG meeting - Jena (2019)
 - Zoological institute Symposium – Greifswald (2019)

Further Training

- Physalia Course “**Ecological niche models in R**” - 2019, Berlin
- Summer School „**Genetic Adaptation**“ (RESPONSE) – October 2019, Hiddensee
- “**Good Scientific Practice**” (RESPONSE) 2019, Greifswald
- “**International mobility and research stays abroad**” 2019, Graduate School Greifswald
- “**Third-party funding for postdoctoral research projects**” 2019, Graduate School Greifswald

Publications

- Bethke; Bosse; Neu (2015): Conception and realization of a smart grid with storage components, based on renewable energies. Funded by “*Bundesministerium für Wirtschaft und Energie*”

Memberships

- Associated member of Research Training Group (RTG 2010) “*Biological RESPONSEs to Novel and Changing Environments*”
- DZG (German Zoological Society)
- ESC (Entomological Society of Canada)