

Curriculum Vitae

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Current Position Postdoc

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Education

- 2015 – 2018 Doctoral studies in the working group Applied Zoology and Nature Conservation at the University Greifswald, Greifswald, Germany
- 2014 – 2014 Advanced training "GIS Analyst" at the GIS-Academy, Hamburg, Germany, venue: Berlin
- 2009 – 2013 Master studies "Wildlife ecology and wildlife management" at the University of Natural Resources and Life Sciences (BOKU), Vienna, Austria
- 2006 – 2009 Bachelor studies "Biology of Organisms" at the University of Osnabrück, Osnabrück, Germany

Research Experience

- Since 2022 Research associate (Postdoc) at the Leibniz Institute for Zoo and Wildlife Research (IZW) im Forschungsverbund Berlin e.V. – Department Evolutionary Ecology
- 2019 – 2021 Research associate (Postdoc) at the Leibniz Institute for Zoo and Wildlife Research (IZW) im Forschungsverbund Berlin e.V. – Department Evolutionary Ecology
- 2018 – 2019 Research associate in the working group Applied Zoology and Nature Conservation at the University Greifswald, Greifswald, Germany
- 2015 – 2018 Research associate in the working group Applied Zoology and Nature Conservation at the University Greifswald, Greifswald, Germany
- 2014 – 2015 Research assistant at the Leibniz Institute for Zoo and Wildlife Research (IZW) im Forschungsverbund Berlin e.V. – Department Evolutionary Ecology

Key publications

- Reusch C**, D. Kelm and C. C. Voigt. (2025). Mitigating light pollution through motion-controlled LED lighting to protect bats. *Environmental Pollution* 386: 127204. doi: 10.1016/j.envpol.2025.127204.
- Reusch, C.**, J. B. Vindas-Picado, C. Scholz, U. Hoffmeister and C. C. Voigt. (2024). Light-averse behaviour of attic-dwelling bats when commuting through urban areas. *Global Ecology and Conservation* 54. doi: 10.1016/j.gecco.2024.e03112. (shared first author)
- Kelling, M., S. Currie, S. Troxell, **C. Reusch**, M. Roeleke, U. Hoffmeister, T. Teige and C. C. Voigt. (2024). Effects of tag mass on the physiology and behaviour of common noctule bats. *Movement Ecology* 12. doi: 10.1186/s40462-024-00477-7.
- Reusch, C.**, A. Scheuerlein, L. Grosche, F. Meier, J. Gampe, M. Dammhahn, J. van Schaik, and G. Kerth. (2023). The risk faced by the early bat: individual plasticity and mortality costs of the timing of spring departure after hibernation. *Oikos*. doi: 10.1111/oik.09654. (shared first author)
- Reusch, C.**, A. Paul, M. Fritze, S. Kramer-Schadt and C. C. Voigt. (2023). Wind energy production in forests conflicts with tree-roosting bats. *Current Biology* 33. doi: 10.1016/j.cub.2022.12.050.
- Reusch, C.**, M. Lozar, S. Kramer-Schadt, C. C. Voigt. (2022). Coastal onshore wind turbines lead to habitat loss for bats in Northern Germany. *Journal of Environmental Management* 310. doi: 114715. 10.1016/j.jenvman.2022.114715.
- Hernández-Montero, J. R., **C. Reusch**, R. Simon, C. Schöner, and G. Kerth. (2020). Free-ranging bats combine three different cognitive processes for roost localization. *Oecologia* 192. doi: 10.1007/s00442-020-04634-8.
- Reusch, C.**, J. Gampe, A. Scheuerlein, M. Dammhahn, F. Meier, L. Grosche, and G. Kerth. (2019). Differences in seasonal survival suggest species-specific reactions to climate change in two sympatric bat species. *Ecology and Evolution*.
- Zeus, V. M., **C. Reusch**, and G. Kerth. (2018). Long-term roosting data reveal an unimodular social network in large fission-fusion society of the colony-living Natterer's bat (*Myotis nattereri*). *Behavioral Ecology and Sociobiology*: 72:99. doi: 10.1007/s00265-018-2516-4.
- Steyaert, S. M. J. G., **C. Reusch**, S. Brunberg, J. E. Swenson, K. Hackländer, and A. Zedrosser. 2013. Infanticide as a male reproductive strategy has a nutritive risk effect in brown bears. *Biology Letters* 9: 20130624