

# Annika Louise Hass

*Ecologist focusing on biodiversity, species interactions and ecosystem functions in agricultural landscapes using interdisciplinary approaches*

## Personal details

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University of Göttingen  
 Functional Agrobiodiversity & Agroecology  
 Grisebachstr. 6  
 37077 Göttingen  
 Tel.: +49 (0)551 39 28268  
 ahass@gwdg.de

## Academic Education

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| 2012 - 2018 | <b>Doctoral thesis in “Biological Diversity and Ecology” (Dr. rer. nat.)</b> , University of Göttingen, Agroecology group, completed with “Summa cum laude”, Thesis: „Farmland heterogeneity effects on biodiversity and pollination services“, Supervisors: Teja Tschardtke, Péter Batáry, Yann Clough<br>Date of disputation: 15.05.2018<br>Date PhD conferred: 05.04.2019 |
| 2010 – 2012 | <b>Master of Science “Biodiversity, Ecology and Evolution“</b><br>University of Göttingen, grade 1.0<br>Thesis: “Habitat heterogeneity is the key: Polycultures determine bee diversity and complexity of plant-pollinator-webs in rice dominated landscapes”<br>Supervisors: Teja Tschardtke, Stefan Vidal and Catrin Westphal  |
| 2007 – 2010 | <b>Bachelor of Science “Landscape Management and Nature Conservation“</b> ,<br>University for Sustainable Development Eberswalde (HNEE), grade 1.5<br>Thesis: “Flower visiting insects on a short rotation coppice in Jamikow and the surrounding landscape” Supervisors: Ulrich Schulz and Oliver Brauner   |

## Professional experience

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| Since 12/2018     | <b>Postdoc/Principal investigator</b> , Functional Agrobiodiversity & Agroecology group (Catrin Westphal), University of Göttingen, research and teaching  |
| 12/2017 – 11/2018 | <b>Research position</b> , Agroecology group (Teja Tschardtke), University of Göttingen, manuscript and project proposal writing, field work coordination  |
| 11/2012 – 12/2016 | <b>Research position</b> in the “FarmLand” project, Agroecology group (Teja Tschardtke), University of Göttingen, regional project coordination, data collection, bee species identification, GIS and data analysis, publication |

## Parental leave

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| 09.12.2014 – 31.10.2015 | Parental leave  |
| 01.01.2017 – 26.04.2017 | Parental leave  |
| 27.04.2017 – 30.11.2017 | Work on PhD project reduced to 50 % due to child care |

### *Internships, volunteer activities and visits abroad*

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- 2012                    **Research stay for master thesis** at the International Rice Research Institute (IRRI), Los Baños, Philippines, LEGATO-Project for sustainable rice production (3 months)
- 2008 – 2009           **Internship** at Balkani Wildlife Society in Sofia, Bulgaria, conservation and restoration of Dragoman wetlands (4 months)
- 2006 – 2007           **Voluntary ecological year (FÖJ)**, Freilandlabor Britz in Berlin, environmental education and guided tours for children (12 months)

### *Awards, scholarships and other achievements*

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- 2024                    Nominated as **suitable candidate for the position as W3 professor** for Nature Conservation Biology at the University of Regensburg (Listenplatz)
- 2017                    **Poster „highly commended for student poster prize“** at the Joint Annual Meeting of the British Ecological Society (BES) and of the Ecological Society of Germany, Austria and Switzerland (GfÖ)
- 2012                    **Prize for best poster** at the Annual Meeting of the Ecological Society of Germany, Austria and Switzerland (GfÖ)
- 2011                    **Schubert-Prize for Bachelor thesis**, Johannes-Schubert-Stiftung, Eberswalde
- 2010                    **Lower Saxony Scholarship** (Landesstipendium Niedersachsen)

### *Memberships and activities as scientific advisor*

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**Ecological Society of Germany, Austria and Switzerland (GfÖ)** (*membership since 2021*)

**Working group “Wild bees”** at the NGO Biologische Schutzgemeinschaft Göttingen (*membership since 2018*)

**Scientific advisor** for the ecological station Göttinger Land & Südharz (Naturschutzfachlicher Beirat der Ökologischen Station Göttinger Land & Südharz) (*since 2022*)

**Scientific advisor** for the project „Verantwortung und Beitrag der deutschen Biosphärenreservate für den Insektenschutz - *Responsibility and contribution of German biosphere reserves to insect conservation*“ (Projektbegleitende Arbeitsgruppe) (*2021-2023*)

### *Activities as a reviewer*

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**46 verified peer reviews** for the following journals:

Agriculture Ecosystems and Environment, Ambio, Basic and Applied Ecology, Biological Conservation, Conservation Biology, BMC Ecology, Diversity and Distributions, Ecography, Environmental Entomology, European Journal of Entomology, Global Ecology and Conservation, Global Change Biology, Insect Conservation and Diversity, Journal of Applied Ecology, Journal of Insect Conservation, Landscape and Urban Planning, Oecologia, Peer J, Proceedings of the Royal Society of London B

### *Activities as an editor*

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I was a Guest Editor for the journal “Basic and Applied Ecology” and co-organized the special issue “Biodiversity and ecosystem services in agricultural systems: field to landscape-scale management for biodiversity-yield synergies” together with C. Westphal, M. Kernecker and M. Felipe-Lucia (2021-2023)

### *Invited scientific talks*

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- Hass, A.L.** Landscape-scale conservation of biodiversity, species interactions and ecosystem functions in agro-ecosystems, 2025, seminar talk at the Ecology Colloquium, University of Hohenheim
- Hass, A.L.** Promoting farmland biodiversity and ecosystem services at the landscape scale, 7<sup>th</sup> European Congress of Conservation Biology 2024 in Bologna, Symposium "Promoting farmland biodiversity and ecosystem services at the landscape scale" organized by Marco Ferrante
- Hass, A.L.** Diversification and restoration of agroecosystems at local and landscape scale, 2024, seminar talk at the Institute of Plant Science and Microbiology, University of Hamburg
- Hass, A.L.** Diversification of agroecosystems at local and landscape scale to promote biodiversity and ecosystem services, 2023, seminar talk at the Department of Animal Ecology, University of Gießen
- Hass, A.L.** Landscape-scale agri-environment schemes in social-ecological systems for promoting biodiversity in farmland, 2022, seminar talk at the Department of Animal Ecology and Tropical Biology, University of Würzburg
- Hass, A.L.** Landscape-scale agri-environment schemes in social-ecological systems for promoting pollinators, 6<sup>th</sup> European Congress of Conservation Biology 2022 in Prague, Symposium "Biodiversity conservation interventions in agricultural landscapes" organized by Thijs Fijen, David Kleijn and Lorenzo Marini
- Hass, A.L.** Blühflächen als Agrarumweltmaßnahme in Niedersachsen – Flower fields as agri-environment schemes in Lower Saxony, Invited talk at the symposium: Effektivität der Umweltagrarmaßnahmen als Beitrag zum Insektenschutz – Effectiveness of agri-environment schemes for insect conservation, 2022, University of Potsdam, online
- Hass, A.L.** Effectiveness of agri-environment schemes to enhance biodiversity in agricultural landscapes, 2022, liveSciences<sup>3</sup> International Lecture Series, Local Solutions for Global Challenges - Shaping Future Landscapes, University of Göttingen, online

### *Conference contributions as presenting author and session chair*

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**Presenting author at 16 national and international conferences** (11 talks and 6 posters):

- Annual Meeting of the Ecological Society of Germany, Austria and Switzerland (GfÖ)
- European Congress of Conservation Biology (ECCB)
- European Conference on Ecological Restoration (SERE)
- Student Conference on Conservation Science (SCCS)
- Entomologist conference (DGaE)

**Organization of scientific sessions and session chair** at 4 national and international conferences:

- Annual Meeting of the Ecological Society of Germany, Austria and Switzerland (GfÖ):
  - "Grasslands: Conservation, management and restoration" (2025) Co-chair with C. Westphal
  - "Co-design of biodiversity conservation throughout farmland at the landscape scale" (2023) Co-chair with M. Kernecker
  - "Agrobiodiversity and ecosystem services" (2021) Co-chair with M. Kernecker, M. Felipe-Lucia and C. Westphal
- European Conference on Ecological Restoration (SERE)
  - "Restoration of grassland and dryland ecosystems" (2024)

## *Outreach activities*

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### **2021-2025 Project Kooperativ**

- Presentations of the project ideas and results to farmers and other stakeholders every year
- Tour de Flur – Information about the project during a bike tour (2023) and a hiking tour (2025) organized for the public through areas where the project implemented flower fields
- Contribution to policy brief “So gelingt transdisziplinäre Forschung für eine nachhaltige Agrarwende“, FEaA, funded by Federal Ministry for Research, Technology and Aeronautics

### **2025 Project InterRest**

- Organization and lead of workshop “Kalkmagerrasen in der Region Göttingen/Northeim: Nutzung, Pflege und Vernetzung“, bringing together stakeholders from science, farming and nature conservation practice

### **2021, 2024 Project ComBee**

- Presentation of ComBee research at two “Beenovation” conferences to researchers, beekeepers and other stakeholders

### **2019, 2022, 2024, 2025 Science goes City/Night of Science**

- Information about agroecological research and interactive activities for the public

### **2020 Podcast**

- „Wildbienen in der Agrarlandschaft“ – „Wild bees in agricultural landscapes“, AgrarDebatten, Uni Göttingen (interview)

### **2019 Online publication**

- „Wildbienen fördern – gewusst wie. Stellungnahme des AK Wildbienen“ – „*Promoting wild bees - knowing how. Statement of the wild bee working group*“ (text contributions)