



## Anna-Lena Haug

[Redacted contact information]

### EDUCATION AND TRAINING

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#### PhD in Mountain Environment and Agriculture

*Free University of Bozen-Bolzano* [ 01/11/2023 – Current ]

City: Bozen-Bolzano

Country: Italy

Website: <https://www.unibz.it/en>

Field(s) of study: Agriculture, forestry, fisheries and veterinary: *Horticulture*

Thesis: Strategies to improve water use efficiency in apple growing

#### Master of Science in the programme International Master in Horticultural Sciences

*Universität für Bodenkultur Wien* [ 01/10/2019 – 01/09/2022 ]

City: Wien

Country: Austria

Website: <https://boku.ac.at/>

Field(s) of study: Agriculture, forestry, fisheries and veterinary: *Horticulture*

Number of credits: 129

Thesis: Effects of in-row groundcover on soil water supply and weed control in young apple orchards

#### Bachelor of Science in the programme of Horticulture

*Hochschule Weihenstephan-Triesdorf* [ 01/10/2015 – 22/05/2019 ]

City: Freising

Country: Germany

Website: <https://www.hswt.de/>

Field(s) of study: Agriculture, forestry, fisheries and veterinary: *Horticulture*

Number of credits: 200

Thesis: Influence of perennial interrow flower strips on the insect population in organic apple orchards in South Tyrol

- Subject areas: horticultural production with focus on fruit production
- Bachelor thesis carried out at the Institute of Horticulture in cooperation with the Research Center Laimburg and the Bayerische Landesanstalt für Landwirtschaft
- Award for excellent performance in the Bachelor's programme in Horticulture

### WORK EXPERIENCE

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#### Researcher in the department of plant physiology

*Kompetenzzentrum Obstbau Bodensee* [ 22/03/2021 – Current ]

City: Ravensburg

Country: Germany

- Project coordination of the Interreg-V project „[Preventive water management in fruit growing](#)“ (03/2021 - 06/2023)
- Project coordination of the Interreg-VI project „[Demand-oriented water supply in fruit growing](#)“ (04/2023 - ongoing)
- Trial design, field data collection, laboratory analyses
- Data analysis and graphics in R
- Presentation of data on field days, project meetings and academic conferences

## Practical Semester

Research Center Laimburg [ 12/03/2018 – 27/07/2018 ]

City: Pfatten

Country: Italy

- Internship in the department for fruit growing, working group for ecological fruit production
- Trial design and field data collection for fertilization and plant protection trials
- Data processing and analysis

## PUBLICATIONS

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### [Dynamics of weed growth in an apple orchard tree strip](#)

[2024]

R. McCormick, A. Haug, K. Biegert, P. Tijssens. Comput. Electron. Agr., Volume 217,108575.

### [Mulching as alternative orchard floor management in apple orchards positively affects water availability and weed control.](#)

[2023]

A. Haug, K. Biegert, R. McCormick, N. Keutgen, M. Tagliavini, A. Keutgen. Acta Horticulturae 1373.

### [Influence of perennial interrow flower strips on the insect population in organic apple orchards in South Tyrol.](#)

[2020]

A. Haug; M. Kelderer; B. Zange; U. Benker. Proceedings of the 19th Ecofruit Conference, pp.145-148.

## CONFERENCES AND SEMINARS

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### Annual conference of the German Society for Horticultural Science (DGG)

[ Osnabrück, Germany, 01/03/2023 – 04/03/2023 ]

Oral presentation: "Water-retaining soil additives in 'Gala' apple orchard"

### International Horticultural Congress 2022

[ Angers, France, 14/08/2022 – 20/08/2022 ]

Presentation and article in the water symposium: "Mulching for alternative orchard floor and water management positively affects water availability and weed control"

Conference grant awarded by the German Society for Horticultural Science

### Ecofruit 2020

[ Universität Hohenheim, Stuttgart, 17/02/2020 – 19/02/2020 ]

Presentation and [manuscript](#) for the Biodiversity Enhancement session: "Influence of perennial interrow flower strips on the insect population in organic apple orchards in South Tyrol"

## DIGITAL SKILLS

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Microsoft Office / Statistical Software R (Advanced) / Statistical software Minitab (Advanced) / Basic programming knowledge (Visual Basic .NET) / ICC PRO Software - Remote Irrigation Management

## LANGUAGE SKILLS

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Mother tongue(s): **German**

### Other language(s):

#### English

**LISTENING C2 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

#### Italian

**LISTENING A2 READING A2 WRITING A2**

**SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2**

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

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