

## Professional Experience

2023 – now	Capability Manager & Team Lead Weed Management – BASF, Digital Farming
2021 – 2023	Manager Teams Weed Management & Crop Modeling – BASF, Digital Farming
2018 – 2021	Global Projects Lead Weed Management & Crop Modeling – BASF, Digital Farming
2016 – 2018	Technical Manager – Bayer AG, Digital Farming
2013 – 2016	Postdoctoral researcher – INRES, University of Bonn
2009 – 2013	Research Associate – Biosystems Engineering, Leibniz Universität Hannover

## Academic Summary

2013	Dr. rer. hort. – Biosystems Engineering, Leibniz Universität Hannover
2009	M.Sc. Horticulture – Institute of Plant Nutrition, Leibniz Universität Hannover
2007	B.Sc. Horticulture – Institute of Plant Nutrition, Leibniz Universität Hannover

## Awards

2011	Grow Award – Landgard; 5,000 EUR
2010	1 <sup>st</sup> Place Green Challenge – German Horticultural Society; 1,000 EUR

## Select patent applications

pls see [hoffmann.wf](http://hoffmann.wf) for complete list

- 1 Method for pest control. AU2017288969. WO2018001893.
- 2 Yield estimation in the cultivation of crop plants. WO2019038325. WO2019081567.
- 3 Control of harmful organisms on the basis of the prediction of infestation risks. WO2018036909
- 4 Generation of digital cultivation maps. WO2019081349.
- 5 Unmanned aerial vehicle. WO2019076759.

## Select journal articles, peer reviewed

pls see [hoffmann.wf](http://hoffmann.wf) or [google citations](https://scholar.google.com/citations?user=...) for complete list

- 1 Tewes, **Hoffmann** et al. 2020. How do methods assimilating sentinel-2 derived LAI.. Remote Sens 12, 925.
  - 2 **Hoffmann** et al. 2017. Temporal properties of spatially aggregated.. time series. Agr Forest Met 234-235, 247-257.
  - 3 **Hoffmann** et al. 2016. Impact of spatial soil & climate input data aggregation on.. yield.. PLoS ONE 11(4): e0151782.
  - 4 **Hoffmann**, Rath 2013. Future bloom and blossom frost risk for Malus domestica.. PLoS ONE 8 (10): e75033.
  - 5 **Hoffmann**, Schenk 2011. Arsenite toxicity & uptake rate of rice (*Oryza sativa*).. Environ Pollut 159, 2398-2404.
-