

# Dr. Hendrik Wagenseil

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*Senior Data Scientist*



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## Passion

- My family
- (Spatial) data science with R, open source software
- Outdoor activities: Climbing, biking, running, (ski) mountaineering

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## Profession

- 07/2021 - **Senior Data Scientist**, *METER AG, now ADDIUM GmbH*.
- 01/2023
  - Implementation of physical plant growth model into production code
  - Sensor data integration and analysis for indoor crop management
  - Provision and maintenance of AWS infrastructure (EC2, S3, ECR, IAM) for the Data Science team
- 01/2014 - **Teamlead Geodata Science**, *GfK Geomarketing GmbH*.
- 06/2021
  - Managing an inter-disciplinary Data Science team of 8 people
  - Driving product innovation through exploration of new IoT data sources
  - Conceptually develop and implement (semi-)automated processes for data production, optimize workflows
- 09/2006 - **(Senior) Research Specialist**, *GfK Geomarketing GmbH*.
- 12/2013
  - Consulting retailers and manufacturers on spatial business questions (e.g. site planning, target group modeling)
  - Spatial data production and analysis with regards to industry specific business questions
- 07/2003 - **Lecturer and scientific assistant**, *Institute of Geography, University of Erlangen-Nuremberg*.
- 07/2006

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## Education

2008 **PhD / Dr. rer. nat.**, *Institute of Geography, University of Erlangen-Nuremberg.*

- Thesis: Multispectral and multitemporal image analysis, partial least squares regression

2003 **Diploma**, *Institute of Geography, University of Erlangen-Nuremberg.*

- Thesis: NDVI time series, Fourier transformation
- Physical geography (major)
- Geology (minor)
- Physics (minor)

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## Skills

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### Toolset



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### Volunteer work

- Mountain instructor for the German Alpine Club (DAV)
- Volunteer data science work for Bund Naturschutz