

experience

- Since 07/2022 **Senior Researcher in Food Security and Agriculture Alliance To Feed The Earth In Disasters (ALLFED), Remote**
Using spatial and data analysis to support ALLFED in finding ways to feed everyone on the planet through global catastrophic events.
- 08/2021 →06/2022 **Postdoc in Environmental Science Justus-Liebig-University Giessen, Germany**
Focus of climate science in the IPCC reports over time. Developed a spatial analysis university course which focusses on Google Earth Engine and QGIS
- 05/2013 →05/2017 **Research Assistant in Hydrology and Soil Science Justus-Liebig-University Giessen, Germany**
Soil science lab work and data analysis with hydrological models.

education

- 06/2017 →07/2021 **PhD in Environmental Science/Hydrology Justus-Liebig-University Giessen, Germany**
Supervisor: Prof. Dr. Lutz Breuer
Using large hydrological datasets to understand river behavior on different scales
summa cum laude "with distinction"
- 10/2014 →03/2017 **Master of Science in Environmental Science Justus-Liebig-University Giessen, Germany**
Specialization in hydrology and climate science, Supervisor: Prof. Dr. Lutz Breuer
Deconstruction of a hydrological, conceptual model to scrutinize the multi-hypothesis problem
1,2 "with distinction"
- 10/2014 →02/2015 **Master of Science in Bioinformatics (not finished) Justus-Liebig-University Giessen, Germany**
Basics of programming and bioinformatics
- 10/2011 →09/2014 **Bachelor of Science in Environmental Management Justus-Liebig-University Giessen, Germany**
Specialization in soil science and ecology, Supervisor: Prof. Dr. Peter Felix-Henningsen, Mentor: Dr. Sylvie Laureen Drahorad
Hydrophobicity of biological soil crusts before and after mechanical disturbances
1,8 "good"
- 08/2008 →07/2010 **Apprenticeship Winemaking Winery Laquai, Lorch (Rhine), Germany**
Taking care of vineyards and crafting wine
1,4 "with distinction"

refereed publications (selection)

Betting on the best case: higher end warming is underrepresented in research

Jehn, F. U., Schneider, M., Wang, J. R., Kemp, L., and Breuer, L.
2021, Environmental Research Letters., 16, 084036 doi:10.1088/1748-9326/ac13ef

Simple Catchments and Where to Find Them: The Storage-Discharge Relationship as a Proxy for Catchment Complexity

Jehn, F. U., Breuer, L., Kraft, P., Bestian, K., and Houska, T.

2021, *Frontiers in Water*, 3, 631651 doi:10.3389/frwa.2021.631651

Using hydrological and climatic catchment clusters to explore drivers of catchment behavior

Jehn, F. U., Bestian, K., Breuer, L., Kraft, P., and Houska, T.

2020, *Hydrology and Earth System Science*, 24, 1081–1100 doi:10.5194/hess-24-1081-2020

research collaborations

- 09/2019
→11/2021 **Research volunteer @ Alliance to Feed the Earth in Disasters (ALLFED), International (Remote)**
Using spatial and data analysis to support ALLFED in finding ways to feed everyone on the planet through global catastrophic events.
- 05/2019 **Visiting scholar @ University of Zurich, Switzerland**
Research visit at the working group of Prof. Dr. Jan Seibert to discuss parameter transferability between hydrological models.

teaching and supervision

- 06/2017
→06/2022 **Supervising bachelor and master students @ Justus-Liebig-University Giessen, Germany**
Supervised four bachelor and master students during their thesis, three of which finished their thesis with distinction.
- 06/2017
→06/2022 **Teaching bachelor and master students @ Justus-Liebig-University Giessen, Germany**
Planned and taught the course "Python in Environmental Science", which was rated with 9 out of 10 points in an anonymous student satisfaction survey.
- 05/2014
→05/2017 **Teaching assistant @ Justus-Liebig-University Giessen, Germany**
Taught students programming, soil science and lab work.

awards and funding

- 2022 **Fellowship @ Cambridge Existential Risk Initiative (CERI)**
Paid fellowship to organize, host and moderate an extreme climate change forecasting tournament
- 2022 **Impactful Forecasting Prize @ Effective Altruism Forecasting Community**
Awarded for extraordinary explanations of forecasts on impactful topics (e.g. nuclear war, carbon removal).
- 2020 **Part of winning team @ Effective Altruism Forecasting Tournament 2020**
Forecasts on COVID-19 and current political events.

academic presentations and posters (selection)

- 2021 **Contributed poster @ Summer School Sustainability: Knowledge. Solutions. Wishful Thinking?**
Betting on the best case: Higher end warming is underrepresented in research
- 2020 **Invited talk @ Centre for the Study of Existential Risk (Work in Progress Session)**
A brief overview about the bronze age collapse, seaweed as global food source and climate change as an existential risk
- 2020 **Contributed talk @ EGU General Assembly 2020**
Simple catchments and where to find them
- 2019 **Contributed talk @ Climate Change Summer School Geisenheim**
Climate change as an existential risk
- 2019 **Contributed poster @ EGU General Assembly 2019**
Trade-offs between parameter constraints and model realism
- 2019 **Contributed talk @ "Our Climate our Future" - REKLIM**
Why is there still water in my river?

civic involvement (selection)

2021	Student coach @ Effective Thesis Helping students achieve a higher positive impact for the world with their thesis by connecting them to new topics and mentors.
2021	Organized a private lecture series Assembled a large group of friends and acquaintances and motivated them to present scientific talks to each other.
Since 2020	Writing long form posts for the Effective Altruism Forum Regular contributions to the Effective Altruism Forum about a wide range of topics (e.g. Anthropocene, climate change).
Since 2018	Community leader @ Effective Altruism Darmstadt Co-founder and former chair of the effective altruism local group in Darmstadt (Germany): member of the winning team of the EA Forecasting Tournament 2020, giving talks, onboarding new members.
2014 →2018	Organizer @ foodsharing Giessen Help saving food from going to waste by collecting it from local stores and redistributing it for free.
2013 →2017	Community leader @ Student Association of the Justus-Liebig-University Representing the students of the faculty as an elected member of the faculty council.
2010 →2016	Organizer @ Youth Camp Lorch (Rhine) Planning and supervising a yearly field trip for 50 kids (10 days).

outreach

2021	Interview for Effective Thesis @ Deutschlandfunk Campus Interview with a major German radio station to talk about how and why Effective Thesis helps students.
2019	Authored an article about Effective Altruism @ transform magazin The article explains the main thoughts behind Effective Altruism and how it helps to decide which global problems should be tackled.

blog	Unknown Knowns
languages	German (native), English (C1)
skills	Python, Spatial Analysis (GIS), Landscape Analysis, Writing, Coaching
contact	Lincolnstraße 11, 35394 Gießen, Germany, +49 (177) 840 6567, florianjeahn@posteo.de , github/florianjeh