

education

- since
08/2022 **Postdoc in Environmental Science**
Justus-Liebig-University Giessen, Germany
Focus of climate science in the IPCC reports over time
- 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"
- 10/2011
→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

Trade-offs between parameter constraints and model realism: a case study

Jehn, F. U., Chamorro, A., Houska, T., and Breuer, L.
2019, Scientific Reports, 9, 10729 doi:10.1038/s41598-019-46963-6

Incremental model breakdown to assess the multi-hypotheses problem

Jehn, F. U., Breuer, L., Houska, T., Bestian, K., and Kraft, P.
2018, Hydrology and Earth System Science, 22, 4565–4581 doi:10.5194/hess-22-4565-2018

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

- Since
06/2017 **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.
- Since
06/2017 **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.

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?
- 2018 **Contributed poster @ Catchment Science Summer School**
Hydrological model dissection
- 2018 **Contributed talk @ EGU General Assembly 2018**
Incremental model breakdown to assess the multi-hypotheses problem

civic involvement

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.
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).

languages German (native), English (C1)

skills Python, Spatial Analysis (GIS), Landscape Analysis

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