

Curriculum Vitae of Jan Freihardt

PhD student, book author, speaker

I am an explorative mind who aspires to contribute to the fundamental transformations that lie ahead of our societies.

My core areas of expertise are two-fold. First, I am researching the effects of environmental change on migration, climate change adaptation, disaster risk communication, and sustainable sanitation. I have conducted different research projects in the Global South.

Second, I am interested in socio-ecological transformations of society in general, and specifically the role of science in such transformations. I am intrigued by the concepts of transformative and transdisciplinary science, as well as the transformation of the science system itself.



PERSONAL DETAILS

Date of Birth: September 07, 1992 in Munich (Germany)
Nationality: German
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EDUCATION

Sep 2019 - present	Eidgenössische Technische Hochschule Zürich (Switzerland) <i>PhD in Political Science (topic: Environmental migration in Bangladesh)</i>
Sep 2018 - Sep 2020	Eidgenössische Technische Hochschule Zürich (Switzerland) <i>Science, Technology and Policy MSc (final grade 5.84, best grade 6.00)</i>
Sep 2016 - Sep 2018	Eidgenössische Technische Hochschule Zürich (Switzerland) <i>Environmental Engineering MSc (final grade 5.80, best grade 6.00)</i>
Sep 2014 - Jun 2015	École polytechnique fédérale de Lausanne (Switzerland) <i>Sciences et Ingénierie de l'Environnement - as an exchange student</i>
Oct 2012 - Sep 2016	Technische Universität Berlin (Germany) <i>Environmental Sciences and Technology BSc (final grade 1.1, best grade 1.0)</i>
Sep 2002 - May 2011	Humanistisches Maximiliansgymnasium München (Germany) <i>German Abitur (final grade 1.0, best grade 1.0)</i>

PEER-REVIEWED PUBLICATIONS

Freihardt, J. (2020). Can Citizen Science using social media inform sanitation planning? *Journal of Environmental Management*, 259, p. 110053. DOI: [10.1016/j.jenvman.2019.110053](https://doi.org/10.1016/j.jenvman.2019.110053).

Freihardt, J., Jekel, M. and Ruhl, A.S. (2017). Comparing test methods for granular activated carbon for organic micropollutant elimination. *Journal of Environmental Chemical Engineering* 5(3). DOI: [10.1016/j.jece.2017.05.002](https://doi.org/10.1016/j.jece.2017.05.002).

CONFERENCE CONTRIBUTIONS

Freihardt, J., Kellhammer, M. (2021). Draußen ist es anders - Studierende und Nachwuchswissenschaftler*innen für Transdisziplinarität begeistern. Poster contribution at the conference *Transdisziplinarität als institutionelle Herausforderung für Universitäten*, TU Berlin, Berlin, Germany.

Freihardt, J., Tilley, E., Renggli, S., Morgenroth, E. (2019). Citizen Science for Faecal Sludge Characterization in Blantyre, Malawi. Conference paper presentation at the *FSM5 - 5th International Faecal Sludge Management Conference*, Cape Town, South Africa.

BOOK PUBLICATION

Freihardt, J. (2021). Draußen ist es anders. Auf neuen Wegen zu einer Wissenschaft für den Wandel. oekom, München.

ONLINE PUBLICATION

Dallo, I., Freihardt, J., von Rothkirch, J. (2020). Six lessons from students about transdisciplinary learning. Available at: <https://i2insights.org/2020/10/06/students-on-transdisciplinary-learning/>.

SCHOLARSHIPS AND AWARDS

Feb 2019	Willi Studer Prize for the best ETH Zürich Master's degree in Environmental Engineering
Sep 2016 - Sep 2018	Scholar of the DAAD (German Academic Exchange Service) <i>One-year scholarship for graduates</i>
Oct 2013 - Aug 2016	Scholar of the Deutschlandstipendium <i>Scholarship granted half by the German government and half by an enterprise</i>
Jul - Sep 2015	Scholar of the DAAD (German Academic Exchange Service) <i>Program RISE</i>
Sep 2014 - Jun 2015	Scholar of the Swiss-European Mobility Programme <i>Scholarship granted by the Swiss government for exchange students</i>

PRACTICAL EXPERIENCE

Oct - Nov 2018	Gesellschaft für Internationale Zusammenarbeit (GIZ) <i>Junior consultant in the sector project „Sustainable Sanitation Systems“</i>
Oct 2015 - Aug 2016 Oct 2012 - Feb 2014	Young Friends of the Earth Germany , Federal Office, Berlin (Germany) <i>Student assistant - responsible for organising a competition for children</i>
Jul - Sep 2015	University of the Free State , Bloemfontein, South Africa <i>Research internship in the working group for Extreme Biochemistry (Sites remediation using microorganisms)</i>
Sep 2011 - Aug 2012	Young Friends of the Earth Germany , Federal Office, Berlin (Germany) <i>Voluntary ecological year (FÖJ) - responsible for an educational geocaching-project and for organising a competition for children</i>

EXTRACURRICULAR ACTIVITIES

- May 2020 - present **Wissenschaft(f)t Zukünfte e.V.**
Co-founder and chair
- May 2016 - May 2019 **Friends of the Earth Germany (BUND)**
Youth representative in the Scientific Advisory Board
- Jan 2013 - Aug 2016 **Greenpeace Berlin (Germany)**
Member of the local group
- Aug 2010 - Aug 2011 **Greenpeace Youth Munich (Germany)**

SKILLS AND INTERESTS

- Languages: German (native)
 English (fluent)
 French (fluent)
 Dutch (fluent)
 Spanish (intermediate)
 Arabic (intermediate)
 Bangla (beginner)
 Latin (Latinum)
 Ancient Greek (Graecum)
- IT skills: Advanced knowledge of MS PowerPoint / MS Excel / MS Word
 Intermediate skills in JAVA-, MATLAB-, Javascript-, C-, and R-programming
 Basic knowledge of Adobe Photoshop and Adobe InDesign
- Interests: Sports (running, field hockey, football, hiking, cycling)
 Politics (especially environmental politics)
 Natural sciences, humanities, technology
 Travelling

Zurich, 19 June 2021