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# Michael Stecher

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## Education

- since 10/2019 **PhD Candidate**, *Chair of environmental economics and resource management*, University of Freiburg.
- 10/2016 – 04/2019 **M.Sc. Economics (Double Degree)**, *Eberhard Karls Universität Tübingen*, GPA: 1.42.
- 02/2017 – 11/2017 **Bachelor of Economics (Honours)**, *University of Adelaide*, First Class.
- 10/2012 – 02/2016 **B.A. International Business Studies**, *Friedrich-Alexander Universität Erlangen-Nürnberg*, GPA: 1.31.
- 09/2014 – 04/2015 **Study Abroad**, *University of Victoria, BC*.
- 09/2004 – 06/2012 **A-levels**, *Pirckheimer-Gymnasium Nürnberg*, GPA: 1.2.

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## Employment History

- since 10/2019 **Researcher**, *Chair of environmental economics and resource management*, University of Freiburg.  
Focus on intertemporal responsibility for regime shifts as part of *marEEshift*.
- 05/2019 – 07/2019 **Scientific Assistant**, *Dean's Office*, University of Tübingen.  
Organisation of the 2019 admissions in business and economics master programmes
- 07/2018 – 03/2019 **Student Assistant**, *Academic Advisory Service*, University of Tübingen.  
Counselling of students, room administration, organisational matters
- 09/2015 – 02/2016 **Waiter**, *Altes Spital*, Stein.  
Customer service and organisation of event catering
- 02/2014 – 08/2014 **Barkeeper**, *Singularis Porcus*, Nuremberg.  
Customer service and occasionally independent running of business
- 02/2013 – 09/2013 **Working Student**, *Siemens AG*, Erlangen.  
Organisational support for team of wind energy engineers, sharepoint administration

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## Research interests

- ecological-economic modelling of non-linear dynamic systems, economics of climate change, biodiversity and ecosystem services, responsibility

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## Master's thesis

- Title *Sustainable economic development in times of potentially catastrophic climate change - can technology save us?* (Grade: 1.3)
- Supervisor Prof. Dr. Manfred Stadler
- Abstract Theoretical analysis of the possibility of sustained economic growth under consideration of the physical realities and inherent uncertainties of climate change.

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## Honours Thesis

- Title *A systematic approach to modelling the impact of economic growth on the environment* (Grade: 90/100)
- Supervisor Dr. Stephanie McWhinnie
- Abstract Empirical analysis of reduced form models of economic growth and environmental degradation using modern econometric tools and decomposition analysis.

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## Bachelor's Thesis

- Title *Economic Effects of car scrappage premiums - an empirical analysis*, Grade: 1.0
- Supervisor Dr. Benjamin Lochner
- Abstract Examination of the efficacy of car scrappage premiums over time during the international recession of 2008/2009 using panel data.

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## Work in Progress

- Stecher, M. and S. Baumgärtner (2021), A composite model of bistable stochastic ecosystems, in preparation
- Stecher, M. and S. Baumgärtner (2021), Responsible management of ecosystems with tipping points, in preparation.

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## Conference Presentations

- BIOECON2019, Wageningen, without presentation
- AURÖ2020 workshop for young researchers, Frankfurt (Oder)
- EAERE2020 annual conference, virtual conference
- WCNRM2021, virtual conference, accepted for presentation

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## Extracurricular Activities

- 10/2018 – 04/2019 **National Model United Nations Delegate**, *University of Tübingen*.  
Representation of Namibia in the General Assembly Second Committee at NMUN New York and preparation for one semester
- 03/2017 – 11/2017 **Trip leader**, *Adelaide University Mountain Club*, Adelaide.  
Planning and leading climbing and hiking trips for other students
- 10/2015 – 03/2016 **Buddy**, *University of Erlangen-Nuremberg*.  
Providing assistance to an Indian exchange student in academic, administrative, and cultural matters

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## Prizes and Scholarships

- 11/2019 **Sustainability Award**, *University of Tübingen*.  
Award for Master's thesis with outstanding focus on sustainable development
- 02/2018 **Undergraduate Award**, *Australasian Agricultural and Resource Economics Society (AARES)*, South Australian Branch.  
Award for best undergraduate thesis in environmental and resource economics
- 08/2014 – 05/2019 **Annual scholarship**, *German Academic Exchange Service*.  
scholarship for studying at the University of Victoria

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## Software Knowledge

- Stata Very good command, especially with panel data
- R Good command, experienced with advanced panel data methods
- Matlab Basic command in stochastic economic modelling
- Latex Very good command, scientific writing and presentations

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## Language Abilities

- German Native speaker
- English Excellent command
- French Good command
- Spanish Good working knowledge
- Indonesian Basic command