

## CURRICULUM VITAE

### PERSONAL DATA

Name: Leila Anna Schuh  
Address: Department of Mathematics  
University of Zurich  
Winterthurerstrasse 190  
CH-8057 Zurich  
Telephone 0041 44 635 58 70  
E-Mail: [leila.schuh@math.uzh.ch](mailto:leila.schuh@math.uzh.ch)



### TEACHING

2018 & 2020 **Teaching Assistant** STA120 *Introduction to Statistics*, Applied Statistics, University of Zurich  
2019 **Teaching Assistant** STA390 *Statistical Practice Statistics*, Applied Statistics, University of Zurich  
2017 & 2018 **Teaching Assistant** STA470 *Good Statistical Practice: Computational Skills Statistics*, Applied Statistics, University of Zurich  
2013 – 2014 **Tutor** *KS 2 Introduction to Development Sociology – Fundamental Sociological Concepts in Development Research*, Institute for International Development, University of Vienna

### ORGANIZED WORKSHOPS

2021 **Bayesian Thinking and Ecology**. Funded by the Graduate Campus of the University of Zurich, main applicant.  
2007 Co-organizer of a **communications workshop**, cooperation between the *Leuser International Foundation* and the *Australian Wilderness Society*, Sumatra

### OTHER WORK EXPERIENCE

2015 Student helper at the **Department for Ecosystem Services**, University of Bayreuth.  
2015 Student helper at the **7<sup>th</sup> International Biogeography Society Conference**, Bayreuth

- 2015 Observer at the 3<sup>rd</sup> meeting of the **Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)** from the United Nations Environment Programme (UNEP), Bonn
- 2013 Observer at a **Model United Nations Conference**, UN city, Vienna
- 2009 – 2010 Work & Travel in Australia. Sales and production assistant **Bamboo Clarinets**, Australia. Employee at **Rosebank Co-Op Shop and Cafe**, Australia
- 2007 – 2008 Employee as **Volunteer Coordinator**, **Leuser International Foundation (LIF)**, Sumatra
- 2005 – 2006 Voluntary service with the **Leuser International Foundation (LIF)**, Sumatra.
- 2005 Voluntary service with the **Sumatran Orangutan Society (SOS)** and the **Indonesian Development of Education and Permaculture Foundation (IDEP)** in Bali.

## EDUCATION

- 2017 onwards PhD candidate in **Applied Statistics Group, Department of Mathematics. PhD project** in the **University Research Priority Program Global Change and Biodiversity**.
- 2014 - 2017 Master course **Global Change Ecology**, Master of Science within the Elite Network of Bavaria, University of Bayreuth in cooperation with the University of Würzburg and the University of Augsburg  
**Master thesis:** Regional climate regulation of different land cover types. Comparing agricultural configurations, utilizing micrometeorological modeling and remote sensing products.
- 2016 Summer school on radar remote sensing: **Synthetic Aperture Radar Education Initiative (SAR-EDU)**, cooperation of the University of Jena, the German Aerospace Centre (DLR) and the Federal Ministry Of Economics and Technology
- 2016 International spring university on ecosystem services modeling: **Artificial Intelligence for Ecosystem Services (ARIES)**, cooperation of the Basque Centre for Climate Change, Conservation International and the University of Vermont
- 2011 – 2014 Bachelor course **International Development**, University of Vienna, final grade 1.18
- 2014 **Sustainability Challenge**, interdisciplinary university course, cooperation of the University of Vienna, the Technical University of Vienna, Vienna University of Economics and Business, Vienna University of Technology, University of Natural Resources and Life Sciences, Vienna and the Austrian Commission for UNESCO
- 2012 Participation in a **Model United Nations Conference**, UN City Vienna

## PUBLICATIONS

L. Schuh, M. Schaepman, M. J. Santos, R. de Jong, and R. Furrer. Advancing texture metrics to model landscape heterogeneity. In IGARSS 2020 - 2020 IEEE International Geoscience and Remote Sensing Symposium, pages 2735–2738, 2020.

Leila Schuh. Rezension: Ford, michele (hrsg.)(2013). Social activism in Southeast Asia. ASEAS- Austrian Journal of South-East Asian Studies, 6(1):223–227, 2013.

D. Rocchini, E. Thouverai, M. Marcantonio, M. Iannacito, D. Da Re, M. Torresani, G. Bacaro, M. Bazzichetto, A. Bernardi, G. M. Foody, R. Furrer, D. Kleijn, S. Larsen, J. Lenoir, M. Malavasi, E. Marchetto, F. Messori, A. Montaghi, V. Moudry, B. Naimi, C. Ricotta, M. Rossini, F. Santi, M. J. Santos, M. Schaepman, F. Schneider, L. Schuh, S. Silvestri, P. Simova, A. K. Skidmore, C. Tattoni, E. Tordoni, S. Vicario, P. Zannini, and M. Wegmann. rasterdiv - an information theory tailored r package for measuring ecosystem heterogeneity from space: to the origin and back. bioRxiv, 2021.

## CONFERENCES

- |      |   |
|------|---|
| 2020 | Advancing methods to model landscape heterogeneity. International Geosciences and Remote Sensing Symposium (IGARSS), virtual conference. Conference talk.   |
| 2019 | Advancing Methods to Model Landscape Heterogeneity. Global Change and Biodiversity <i>Integrating the impact of earth and world drivers across scales</i> , Monte Verita. Poster presentation.                                    |
| 2018 | Regional climate regulation by different land cover types: comparing homogeneous and heterogeneous structures in agricultural landscapes. European Geosciences Union (EGU) <i>General Assembly</i> , Vienna. Poster presentation. |
| 2015 | 7 <sup>th</sup> <i>International Biogeography Society Conference</i> , Bayreuth.  |
| 2007 | The 13 <sup>th</sup> UN Climate Change Conference, Bali. Representative of the <i>Tropical Rainforest Group</i> (USA)   |

## REFERENCE CONTACTS

### Prof. Dr. Reinhard Furrer

Department of Mathematics & Computational Science  
University of Zurich  
Winterthurerstrasse 190  
CH-8057 Zurich

E-Mail: [reinhard.furrer@math.uzh.ch](mailto:reinhard.furrer@math.uzh.ch)

Telephone: 0041 44 635 58 43

Telefax: 0041 44 635 57 05

### Dr. Martin Wegmann

Assistant Professor  
Remote Sensing and Biodiversity Research  
Department for Geography and Geology

University of Würzburg  
Campus Hubland Nord 86  
97074 Würzburg

E-Mail: [martin.wegmann@uni-wuerzburg.de](mailto:martin.wegmann@uni-wuerzburg.de)

Telephone: +49 (0) 931 31 83446

Telefax: +49 (0) 931 31 87358

**Dr. Wolfgang Babel**

Research Associate  
Micrometeorology Group

University of Bayreuth  
Universitätsstraße 30  
D-95440 Bayreuth

Email: [wolfgang.Babel@uni-bayreuth.de](mailto:wolfgang.Babel@uni-bayreuth.de)

Phone: +49 (0) 921 55 2362

Fax: +49 (0) 921 55 2366

**Prof. Dr. Thomas Köllner**

Department for Ecological Services

University of Bayreuth  
Universitätsstraße 30  
D-95440 Bayreuth

Email: [thomas.koellner@uni-bayreuth.de](mailto:thomas.koellner@uni-bayreuth.de)

Phone: +49 (0) 921 55 2373

Fax: +49 (0) 921 55 2334

**Ao. Univ.-Prof. Dr. Margarete Maria Grandner**

Director of Studies, Professor for History and Development  
Department of Development Studies

University of Vienna  
Sensengasse 3/2/2  
1090 Vienna

Email: [margarete.grandner@univie.ac.at](mailto:margarete.grandner@univie.ac.at)

Telephone: +43 (0) 1 4277 239 11