

## PERSONAL INFORMATION

## Sabine Friederike Hennig

📍 Im Tal 66, Ramsau b. Berchtesgaden, 83486, Germany

☎ 0049 176 955 12566

✉ sabine.hennig@sbg.ac.at

ORCID ID 0000-0002-2661-1403

## WORK EXPERIENCE

since 2012

**Postdoc**

Interfaculty Department of Geoinformatics – Z\_GIS, University of Salzburg, Austria

- Lectureship: scientific working, geoinformation and society, etc.
- Erasmus (e.g., Central Asia) and CEEPUS (Hungary) teaching mobilities (courses on introduction to GIS, web GIS, spatial analysis, story maps, crowd mapping and participation)
- Research activities: development of web map/ GI applications for special need user groups (accessibility, usability issues), geo participation, geo citizen science; participatory design, analysis and processing of environmental spatial data, ecosystem services

2016

**Postdoc Fellow**

Kyrgyz State University of Construction, Transportation and Architecture, Bishkek, Kyrgyzstan

- Lectureships: web GIS, spatial analysis
- Research on crowd mapping activities in Kyrgyzstan, use of geo ICT in visitor management in Kyrgyz recreational sites
- Running a workshop on participation (DAAD), conference participation (GSCA 2016)

2009 - 2013

**Senior Scientist**

Institute for Geographic Information Science, Austrian Academy of Sciences

- CEEPUS teaching mobilities to Bulgaria, Poland, and Hungary (courses on database modelling, application development, spatial analysis)
- Research on SDI development regarding environmental protection spatial data, development of web map applications for special need user groups (focus on accessibility)

2007 - 2008

**Freelancer**

Berchtesgaden National Park, Germany; Weißbach Nature Park, Austria; Institute of Geography, FAU Erlangen-Nürnberg, Germany, etc.

- Lectureships: nature protection, protected area management, zoogeography, biogeography, etc.
- Management and acquisition of third party funded projects
- Development of recreational sites, visitor management and monitoring strategies and approaches

2004 - 2006

**Postdoc Fellow**

Institute of Geography, University of Erlangen-Nürnberg, Germany/ Berchtesgaden National Park, Germany

- Lectureships: nature protection, protected area management, and biogeography, etc.
- Management and acquisition of third party funded projects
- Research: visitor monitoring (data collection and analysis of visitor behavior, characteristics and numbers as well as recreational infrastructure, modelling and visualization of visitor flows)

2000 – 2003

**Junior Scientist**

GUC mbH München, Germany/ Berchtesgaden National Park, Germany

- Development of an interactive digital map application to support the Berchtesgaden National Park administration in its management tasks
- Statistical data analysis and visualization as well as database modelling for storage and management of data related to the administration of the Berchtesgaden National Park (e.g., environmental education, visitor management, management plan data)

1998 – 1999

**Scientific Employee**

Scientific employee Berchtesgaden National Park, Germany

- Conception and implementation of environmental education events
- Statistical data analysis and visualization of national park management related data (e.g., environmental education, wildlife monitoring and management, visitor management)

**EDUCATION AND TRAINING**

2012

**Certificate Requirements Engineering Foundation Level**

- University of Salzburg, Austria

2006 – 2008

**Certificate University Didactics**

- FAU Erlangen-Nürnberg, Germany

2000 – 2003

**Doctoral Studies Applied Geoinformatics**

- University of Salzburg, Austria
- Doctoral degree: *Interactive Screen Map – “Interface Knowledge”*

1998 – 1999

**Certificate Mathematical Methods and Models for Geoscientists**

- Free University of Berlin, Germany

1990 – 1998

**Diploma Degree Physical Geography**

- FAU Erlangen-Nürnberg, Germany

1993 - 1995

**Certificates Geography of Spain/ South America; Internship**

- University of Seville, Spain

1989 - 1999

**Certificates Politics and Sport**

- De Anza College Cupertino, CA, USA

1989 - 1999

**German “Abitur”**

- Herder Gymnasium Forchheim, Germany

**PERSONAL SKILLS**

Mother tongue(s)

German

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C 1	C 1	C 1	C 1	C 1
Spanish	C 1/2	C 1/2	C 1/2	C 1/2	C 1/2
Russian	A2	A2	A2	A2	A2
Italian	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user;  
Common European Framework of Reference for Languages

- Soft skills**
- Good communication and presentation skills
  - Intercultural sensitivity, creativity and responsibility
  - Good organisational skills, leadership skills (teams with up to 5 people)

**HEI Teaching experience**

Bulgarian Academy of Sciences, IUBH (Germany), Jagiellonian University (Poland), KSU Khorog (Tadzhikistan), KSUCTA (Kyrgyzstan), LMSU (Russia), OBUDA (Hungary), RTSU Dushanbe (Tadzhikistan), TIAME (Uzbekistan), TU Darmstadt (Germany), TU Osh (Kyrgyzstan), FAU Erlangen-Nürnberg (Germany), University Ljubljana (Slovenia), University Salzburg (Austria), University West Hungary, NUU (Uzbekistan)

- Scholarships/ Grants**
- Several ERASMUS and CEEPUS mobility grants (i.e., teaching/ training mobilities)
  - Postdoc fellowship (KSUCTA, Kyrgyzstan; 2016): gSmart Erasmus Mundus
  - Postdoc fellowship (FAU Erlangen-Nürnberg, Germany; 2004-2006): HWD
  - Abroad study scholarship (Seville, Spain; 1993-1994): DAAD

- Awards**
- Certificate of Honor 2019: Teaching KSUCTA, Kyrgyzstan
  - Best Paper Award DSinGIS conference 2018
  - 2<sup>nd</sup> prize eAward 2014 (Category human and health): AccessibleMap project
  - 2<sup>nd</sup> prize AGIT 2000 Poster Award

- Projects**
- DSinGIS (2017-2020; Erasmus + program)
  - citizenMorph Internship (2018; 2019; FFG Talente Regional)
  - citizenMorph (2018-2020; FWF-TSC)
  - GreenBelt (2016-2018; BfN/ EuroNatur Deutschland)
  - yourClues (2017; PLUS, citizen science Kontaktstelle)
  - senTour (2014-2016; FFG Benefit)
  - Youth Map Internship (2013; 2014; FFG Talente Regional)
  - YouthMap 5020 (2012-2014; FFG Talente Regional)
  - Accessible Map (2011-2013; FFG Benefit)
  - SPACIT (2011-2014; EU Comenius Lifelong Learning Program)
  - GeoKom-PEP (2011-2013; Sparkling Science/ BMWF)
  - Nature-SDI plus (2009 – 2011; EU eContentplus)
  - Freiraumkonzept Hirschbichl (2008; InterReg III-A Euregio)
  - Monitoring naturbezogener Erholungsnutzung im EuRegionalen Erholungsgebiet Nationalpark Berchtesgaden/ Salzburger Kalkhochalpen (2004-2007; InterReg III-A)
  - Interaktive Bildschirmkarte Nationalpark Berchtesgaden (2000-2003; BaySTMLU)
  - Lebensraumansprüche der Gämse in Wechselwirkung zu Waldentwicklung und Tourismus im Nationalpark Berchtesgaden untersucht mit telemetrischen Methoden (1995-2000; BfN)