

# CURRICULUM VITAE

– CORNELIUS SENF, B.Sc. –

GEOGRAPHER

---

## PERSONAL INFORMATION

Name: Cornelius Georg Senf  
Birthdate and -place: 20. June 1988 in Heidelberg  
Citizenship: German  
Family Status: Unmarried

---

## CONTACT INFORMATION

Postal: Wrangelstr. 21  
10997 Berlin  
Germany  
Phone: +49 151 50652760  
E-Mail: [cornelius.senf@geo.hu-berlin.de](mailto:cornelius.senf@geo.hu-berlin.de)  
www: <http://amor.cms.hu-berlin.de/~senfcorn/index.html>  
<http://www2.hu-berlin.de/hurs/people/profil.php5?id=76>

---

## WORKING EXPERIENCE

Oct. 2010 – June 2011: Student collaborator at METRIK graduate school, Humboldt-University of Berlin  
April 2011 – June 2011: Student Collaborator at Leibnitz Institut of Agricultural Development in Central- and Eastern Europe (IAMO)  
Dec. 2010 – Feb. 2011: Scientific assistant for the working group “Forests and Livelihood” of the UN/FAO Forest Resource Assessment, supervised by Dr. Gill Shepherd  
March 2010 – Dec. 2010: Student collaborator at the Geomatics Lab, Geography Department, Humboldt-University of Berlin  
Since 2010: Organization and realization of accompanying seminars to the lectures "Introduction to Geoinformatics" and "Advanced Methods in Geoinformatics" at the Geography Department of the Humboldt-University of Berlin.  
March 2010: Internship at the Geoscience Research Center Potsdam (Geo-Forschungszentrum-Potsdam)

---

## EDUCATION

Ongoing:	ERASMUS scholarship at the Graduate School of Climate Change Science, University Berne, Switzerland
Since 2010:	Graduate program in physical geography and remote sensing at Humboldt-University of Berlin (targeted degree: Master of Science)
2008 – 2010:	Undergraduate studies in geography (major) and physics (minor) at Humboldt-University of Berlin (graduation: Bachelor of Science; thesis: Possible future impacts on human health in urban areas: Heat waves in Berlin)
2007 – 2008:	Undergraduate studies in geo- and atmospheric science at University Innsbruck, Austria
2007	Highschool degree (German Abitur)

---

## SOFTWARE AND COMPUTER SKILLS

GIS:	Very good skills in ESRI ArcMap, advanced spatial data analysis and spatial modeling
Remote Sensing:	Good skills in ERDAS Imagine and ENVI, experience in digital image processing, time series analysis and machine learning based classification approaches
Statistics:	Very good skills in the statistical software R and SPSS, good knowledge of univariate and multivariate statistics, geostatistics and machine learning approaches
Data management:	Basic skills in the open source programs PostgreSQL and PostGIS
Text and presentation:	Good skills in Microsoft Word, Excel and Powerpoint as well as in LaTeX
(Web-) Programming:	Basic skills in HTML, Java Script and Python

---

## LANGUAGE SKILLS

German:	Native
English:	Fluent (94 points i.b. TOEFL test, European level C1)
French and Spanish:	Fair (school education)

---

## PUBLICATIONS

### Peer reviewed int. Journals

-

### Peer reviewed conference proceedings

**Senf, C.** (2011) Assessing the Vulnerability and Risk to heat wave events in Germany and building a basis for further modeling. In: Car, A., Griesbner, G. and Strobl, J. (Eds.): Geospatial Crossroads at GI Forum 2011, Proceedings of the Geoinformatics Forum Salzburg, Wiechmann Verlag, Berlin.

**Senf, C.,** Rufin, P., Tagay, S., Lakes, T. and Senf, W. (2011) Medizinische Versorgungsforschung im Essener Stadtraum aus einer räumlichen Perspektive. In: Strobl, J., Blaschke, T. and Griesbner, G. (Eds.): Angewandte Geoinformatik 2011, Beiträge zum 23. Agit Symposium Salzburg, Wiechmann Verlag, Berlin.

Lakes, T., Leser, U., **Senf, C.** (2010). An urban health risk analysis for Berlin: exploration and integration of spatio-temporal information on the urban environment. In: Greve, K., Cremers, A., B. (Eds.) EnviroInfo: Integration of Environmental Information in Europe, 24th International Conference on Informatics for Environmental Protection Bonn, Shaker Verlag, Aachen 2010.

### Book chapters

-

### Poster

**Senf, C.,** Lakes, T., Rufin, P. and Sefik, T. (2011) Räumliche Daten in der psychosomatischen Epidemiologie und medizinischen Versorgungsforschung. Deutscher Kongress für psychosomatische Medizin und Psychotherapie, Essen.

**Senf, C.,** Lakes, T., Kropp, J. (2010) Possible future impacts of heat waves on urban health: a fuzzy-logic based