

Chunlin Song

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EDUCATION

09/15-present Institute of Mountain Hazards and Environment, Chinese Academy of Sciences

PhD student of Physical Geography. Thesis: On the Relationships of Riverine Carbon and Hydrological Processes under Different Scales. Advisor: Prof. Genxu Wang

09/13-08/15 Institute of Mountain Hazards and Environment, Chinese Academy of Sciences & University of Chinese Academy of Sciences

Master program of Physical Geography. Advisor: Prof. Genxu Wang

09/09-06/13 College of Water Resources and Hydropower, Sichuan University

Bachelor of Engineering, major in Hydrology and Water Resources Engineering.
Graduation thesis: Research on Ecological Water Requirement of Flower Lake Core Area in the Zoige Wetland

PUBLICATIONS

Peer-reviewed papers

Chunlin Song, Genxu Wang, Xiangyang Sun, Ruiying Chang, Tianxu Mao. Control factors and scale analysis of annual river water, sediments and carbon transport in China. *Scientific Reports* **6**, 25963; DOI: 10.1038/srep25963 (2016).

SONG Chunlin, SUN Xiangyang, WANG Genxu. A study on precipitation stable isotopes characteristics and vapor sources of the subalpine Gongga Mountain, China. *Resources and Environment in the Yangtze Basin*, 24, 1860-1869 (2015). (in Chinese with English Abstract)

SONG Chunlin, SUN Xiangyang, WANG Genxu. A review on carbon and water interactions of forest ecosystem and its impact factors. *Chinese Journal of Applied Ecology*, 26, 2891-2902 (2015). (in Chinese with English Abstract)

Patents

SONG Chunlin, SUN Xiangyang, HU Zhaoyong, WANG Genxu. A vacuum porous core filter device. Chinese utility model patent (Issued No. ZL201520272366.4), 2015-09-16.

SONG Chunlin, WANG Genxu, SUN Xiangyang. A water surface greenhouse gas auto-sampler chamber. Chinese utility model patent (Issued No. ZL201620140461.3), 2016-07-15.

AWARDS & HONORS

Director Scholarship of the Chengdu Branch of the Chinese Academy of Sciences, 2015

National Scholarship for Master Students, 2014

First-class Academic Scholarships, 2014

"Three-good Student" Award of the Chinese Academy of Sciences, 2014, 2015, & 2016

Sichuan University Excellent Graduation Thesis Award, 2013

Sichuan University Undergraduate Innovation Project, 2010-2011

Excellent Volunteer of Sichuan University Library, 2011

EXPERIENCE

Research Assistant, since 2014. Institute of Mountain Hazards and Environment, Chinese Academy of Sciences. Preliminary study, field assistant, and laboratory analysis for two projects: "Three-River Headwaters Region Runoff Generation, Changing Mechanisms, and Permafrost Ecohydrological Processes Modelling" and "Seasonal Variations and impact factors of Organic Carbon Export in Small Alpine Forest Watershed".

Advisor: Genxu Wang

Master Program Class Leader, 2013-2015. In charge of financial affairs and organise class or institute events. Institute of Mountain Hazards and Environment, Chinese Academy of Sciences.

Engineering Internship, 2012 summer. Comprehensive visit and learn about hydrologic and water resources engineering at Zipingpu Reservoir, Dujiangyan Project, and E'mei Mountain, Sichuan, China.

Library Volunteer, 2009 to 2011. Provide services for the readers and organise library events at Sichuan University Library.

PROFESSIONAL TRAINING

2016.4 Meta-analysis Workshop in Ecology and Conservation. Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences.

2014.5 Development of Data Acquisition and Flux Observation Technology Training Conference. TRUWEL TECHNOLOGY, Beijing.

SKILLS

Equipment: vario TOC select TOC/TNb Analyser; Los Gatos Research DLT-100 Liquid Water Isotope Analyser; Campbell Scientific CR1000 dataloggers; LI-8150 Soil CO₂ Flux System

Experimental: Proficient in many field works on hydrology and ecology

Computer: R, ArcGIS, MS Office, macOS iWork, Adobe Photoshop, Adobe Illustrator, AutoCAD, HTML & CSS

Language: Chinese (native speaker), English (IELTS 6.5)

Non-Experimental: Amateur photographer; Build websites