

Changgui LIN

Curriculum Vitæ

SMHI, Rossby Centre
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Education

2009–2014 **PhD, Climate Research**, *Institute of Tibetan Plateau Research, Chinese Academy of Sciences – University of Chinese Academy of Sciences*, Beijing, China.
With honors

2005–2009 **Bachelor, Atmospheric Sciences**, *Sun Yat-sen University*, Guangzhou, China.
With honors

PhD Thesis

TITLE Surface wind speed changes over the Tibetan Plateau and East Asia: Processes, mechanism and environmental implications
SUPERVISOR Professor Kun Yang
DATE 15/01/2015

Employments

08/2019– **Climate Researcher** (100%), *Rosby Centre, Swedish Meteorological and Hydrological Institute*, Norrköping, Sweden.

11/2018–07/2019 **Researcher** (100%), *Department of Earth Sciences, University of Gothenburg*, Gothenburg, Sweden.
Funded by VR, STINT, VINNOVA, BECC and MERGE.

11/2015–10/2018 **Post-doctor** (100%), *Department Earth Sciences, University of Gothenburg*, Gothenburg, Sweden.
Funded by VR, STINT, VINNOVA, BECC and MERGE.
Parental leave: 27/06/2017–24/09/2017 (100%), 01/12/2017–22/08/2018 (100%), 23/08/2018–30/09/2018 (50%)

01/2015–08/2015 **Research assistant** (100%), *Institute of Tibetan Plateau Research, Chinese Academy of Sciences*, Beijing, China.
Funded by NSFC (National Science Foundation – China)

Research exchange

10/2012–09/2013 **Guest researcher**, *Jackson School of Geosciences, the University of Texas at Austin*, TX, USA.
Funded by CSC (China Scholarship Council)

04/2015–07/2015 **Guest researcher**, *Dept. of Earth Sciences, University of Gothenburg*, Gothenburg, Sweden.

Research Interests

- Climate change
- Data Assimilation
- Land surface processes
- Non-linear physics
- Climate modeling
- Water cycle
- Glacial effects

Research grants

- 2020–2022 **FORMAS**, *Warming targets: How will “sun, wind, and water” be?*, Project leader.
Awarded
- 2016–2019 **NSFC**, *Observational and modeling studies on water vapor exchange processes over the Tibetan Plateau*, Co-applicant, Project leader: Kun Yang.
Awarded

Teaching/supervising experiments

- 2017 **Co-supervisor of a master thesis**, *University of Gothenburg*, Gothenburg, Sweden.
Jessica Willats: *Change and variability of surface solar radiation over the Tibetan Plateau: The role played by clouds*

Skills

Programming languages	MATLAB, NCL, FORTRAN, C/C++, python, Unix Shell scripts, L ^A T _E X, SQL, PHP
Modeling	CESM, WRF, HYSPLIT

Languages

中文/Chinese	母语/Native Speaker	
English	Very good command	<i>reading and writing (highly proficient), oral (advanced)</i>
Svenska/Swedish	Nybörjare/beginner	<i>Läsa och tala lite/Read and speak a little</i>

Contributions to conferences

- 10/2018 **Oral presentation**, *2018 MERGE (Modelling the Regional and Global Earth system) Yearly Meeting*, Växjö, Sweden.
Title: *Glacier-air interaction may extend the lifetime of Himalayan glaciers*
- 12/2017 **Oral presentation**, *2017 AGU (American Geophysical Union) Fall Meeting*, New Orleans, USA.
Title: *Glaciers bring more precipitation over south slopes of the Himalayas and less moisture to the Tibetan Plateau*
- 08/2016 **Oral presentation**, *International Workshop on Land Surface Multi-spheres Processes of Tibetan Plateau*, Xining, China.
Title: *Assessing the long term topographic effect on solar radiation over the Tibetan Plateau*
- 04/2012 **Poster presentation**, *General Assembly 2012 of the EGU (European Geosciences Union)*, Vienna, Austria.
Title: *Observed coincident changes of surface and upper-air wind speed over China since 1960*

Service to research community

Referee/Reviewer *Atmospheric Chemistry and Physics, Climate Dynamics, International Journal of Climatology, Theoretical and Applied Climatology, Advances in Atmospheric Sciences, Advances in Meteorology, Atmosphere*

References

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