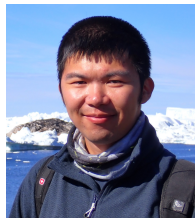


SHUNAN FENG

Remote Sensing, GIS,
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Google Scholar

WORK EXPERIENCE

12/2020 – present **PhD student in Deep Purple project.**

Aarhus University, Denmark

2019 – 2020

Remote Sensing and GIS Associate

International Committee of the Red Cross, Switzerland

- Processing and analyzing remote sensing imagery (Digital Globe, Airbus, drone image etc.) in landcover change, population estimation.

- Organize internal training of geospatial data analysis.

- Producing webmaps and supporting emergency response to humanitarian crisis.

ArcGIS Pro/Online / Google Earth Engine / Python / Pix4D/OpenDroneMap

EDUCATION

12/2020 – 11/2023 **PhD student**

Aarhus University, Denmark

Remote sensing of the Dark Zone on the Greenland Ice Sheet

2017 – 2019

MSc in Earth Science

Uppsala University, Sweden

Thesis: Cold Surface Layer Dynamics of Storglaciären, Northern Sweden 2009-2019

MATLAB / Google Earth Engine / LaTeX / Git GitHub

2013 – 2017

BSc in Physical Geography

Central China Normal University, China

Thesis: Retrieval of Chlorophyll-A Concentration from 30-year Landsat Imagery in Erhai, China.

ENVI/IDL / ArcGIS

PUBLICATION

• Peer Reviewed Article:

1. **Feng, S.**, Cook, J.M., Anesio, A.M., Benning, L.G. and Tranter, M., 2023. Long time series (1984–2020) of albedo variations on the Greenland ice sheet from harmonized Landsat and Sentinel 2 imagery. *Journal of Glaciology*, pp.1-16. <https://doi.org/10.1017/jog.2023.11>.
2. Tan, W., Liu, P., Liu, Y., Yang, S., **Feng, S.**, 2017. A 30-Year Assessment of Phytoplankton Blooms in Erhai Lake Using Landsat Imagery: 1987 to 2016. *Remote Sensing* 9, 1265. <https://doi.org/10.3390/rs9121265>

SKILLS

Python		GIS	
MATLAB		LaTeX	
Google Earth Engine		R	
ENVI/IDL		JuliaLang	

FIELDWORK

07 – 08/2020/2021 **Remote Sensing of algae and albedo.**

Deep Purple Project

Greenland Ice Sheet

Fieldwork: Drone imaging and ablation measurement

Hyperspectral Imaging / GNSS / Drone / Camp Maintenance

08/2018, 04/2019 **Cold Surface Layer Dynamics**

Degree Project Fieldwork

Tarfala Research Station, Sweden

Fieldwork: Measure the glacier subsurface temperature by manufacturing and installing a thermistor string in the ablation zone of Storglaciären.

Thermistor String installation / Geophysical Survey

SCHOLARSHIPS AND AWARDS

2018 – 2019	Linnaeus Scholarship (12,700 SEK), Otterborg Stipend (15,000 SEK), Jänes Scholarship (3,700 SEK) Research and Travel Scholarship for conducting thesis fieldwork	Uppsala University
2017	Uppsala University IPK Scholarship cover all tuition fee (290,000 SEK)	Uppsala University
2014 – 2016	Shuren Silver Scholarship (2014) and Boya Scholarship (2015, 2016)	Central China Normal University

LANGUAGES

Chinese - native
English - proficient

CURRENT STATUS

Currently interested in machine learning and tensorflow. Working on my PhD project and learning danish.