

Meng Chen

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EDUCATION

University of Chinese Academy of Sciences (Guaranteed Admission) *Sep 2022 - Jun 2025*

Master's Degree in **Ecology** GPA: 3.78 / 4.0 Average score: 87.20

Research Interests: Remote sensing of landscapes and ecology

Guizhou Normal University *Sep 2018 - Jun 2022*

Bachelor's Degree in **Geographic Science** GPA: 3.80 / 4.5 Rank:1/72(1%) Average score: 89.60

PUBLICATIONS

- ◆ **Chen Meng**, Zhou, Q., Peng, D., Yan, W.. Exploring Spatiotemporal Heterogeneity of Vegetation Changes in Subtropical Humid Karst under CO₂ Fertilization (*Journal of Geographical Sciences*, Accepted for proofreading) -- **JCR Q1, IF:4.3, First Author**
- ◆ Peng, D & Zhou, Q., Tang, X., Yan, W., **Chen, M.** (2022). Changes in soil moisture caused solely by vegetation restoration in the karst region of southwest China. *Journal of Hydrology*, 613:128460. -- **JCR Q1 TOP, IF:5.9, Fourth Author**
- ◆ Yan, W., Zhou, Q., Peng, D., Luo, Y., **Chen, M.**, & Lu, Y. (2022). Response of surface-soil quality to secondary succession in karst areas in Southwest China: Case study on a limestone slope. *Ecological Engineering*, 178(November 2021), 106581 -- **JCR Q1, IF:3.9, Fifth Author**

RESEARCH EXPERIENCE

(1) Ecohydrological effects of vegetation restoration in the context of climate change in the southwestern karst region

program time: Sep 2022 - Jun 2024

Field Data Collection and Analysis

- Collecting and analysing field data and conducting exploration experiments in the key zone of karst, currently writing the paper. The project was entitled the *National Key R&D Programmes*

(2) Study on the Integrated Response of Hydrological Processes for Vegetation Restoration in the Upper Karst River Area

program time: Mar 2019 - Jun 2021

Data Acquisition and First Author

- As the first author, he wrote a basic research paper, which has been accepted for publication in the *Journal of Geographical Sciences*.
- The project is titled National Natural Science Foundation of China (NSFC). Participated in the collection of field data, UAV data analysis, and experimental operation. Completed two papers as a co-creator which have been published in the *Journal of Hydrology* and *Ecological Engineering*.

SKILLS

Languages: Chinese (native speaker), Fluent in English (CET-4:478, IELTS:5.5)

Programming: MATLAB, R, Python, ArcGIS, GEE, SPSS and Machine learning

Strengths: Hard-working, Eye for detail, Motivator & Leader, and self-directed learning

EXTRA-CURRICULUM ACTIVITIES

Report on the meeting

The Twelfth Congress of Guizhou Geographic Society and 'Rulan Cup' Thesis Competition in 2020

- *won the Second Prize in the Undergraduate Group of the Competition*

Field data acquisition

- *Aquatic Ecological Survey and Evaluation for the Comprehensive Water Environment Management Project in Zunyi City Centre*

program time: *May 2020 - Aug 2020*

- *Scientific Assessment on the Adjustment of Zhujiashan County Nature Reserve, urnan County, Guizhou Province*

program time: *May 2020 - Aug 2020*

- *Detailed Demonstration of Optimisation and Adjustment (Cancellation) of Luodian Luoyang Nature Reserve*

program time: *Apr 2020 - Aug 2020*

- *Ecological Survey and Impact Assessment of Puding Jieshan Reservoir Project*

program time: *May 2020 - Oct 2020*

- *Ecological Survey and Evaluation of Status Changes in Guizhou Province in the Ecological Decade (2010-2020)*

program time: *Oct 2020 - Dec 2020*

Voluntary activities

- *China Hydrography Annual Conference (Guiyang) Volunteerism*
- *Volunteer service for the High-end Academic Forum on 'Karst Environment and Geography of Mountainous Areas' and the Expert Consultation Meeting on the '14th Five-Year Plan' Development Strategy (Guiyang)*
- *Guizhou Normal University Shaojiazhai 'Three trips to the countryside' 'Youthful heart to the Party, building a new era' Volunteer Service Activities*

Geography fieldwork

- *The Twelfth Joint Internship in Geography in National Colleges and Universities*

program time: *July 2021 - Aug 2020*

- *Midwest Loop Fieldwork in Guizhou Province*

program time: *May 2021 - May 2021*

- *Fieldwork in Fanjingshan, Tongren, Guizhou, China*

program time: *Oct 2019 - Oct 2019*

- *Field Placement in Danxia Landform, Chishui City, Zunyi City, Guizhou Province, China*

program time: *Jun 2019 - Jun 2019*

MOST PROUD OF

Scholarship:

- ❖ National Scholarship
- ❖ YeShengtao Scholarship
- ❖ National Inspirational Scholarships(2)
- ❖ School Grade A Scholarship(4)

Honours and certificates:

- ❖ Outstanding Graduate of Guizhou Province
- ❖ Three Good Students of Guizhou Province
- ❖ Outstanding Graduates at School Level
- ❖ School-level Three Good Students(4)
- ❖ Top Ten Civilised Students,
- ❖ Outstanding Student Cadre at School Level(2)
- ❖ Outstanding Volunteer,
- ❖ School-level Top Ten Young Volunteers

Competition Awards:

- ❖ The Twelfth National University Geography Joint Field Practicum--Grand Prize'
- ❖ The Twelfth Congress of Guizhou Geographic Society and 'Rulan Cup' Thesis Competition for Undergraduates--Second Prize
- ❖ Guizhou Normal University 'Foreign Studies Society Cup' National English Writing Competition School Level Preliminary Competition--Third Prize