Cheng Jin

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Education

Simon Fraser University   Jan 2019 - Aug 2022

Bachelor of Science, Major in Physical Geography, Double Major in Economics

• Named to the President's Honour Roll SFU for spring 2020
• Named to the Dean's Honour Roll SFU in 2020 and 2021

New York Institute of Technology   Sep 2022 - Present

Master of Energy Management

University of British Columbia   Oct 2022 - Present

Data Science Certificate Program

Research Experiences

Field Research in Okanagan Lake, Canada (15 days)   Fall 2021

• Making field observation of landform, sediment, ecosystem of the area, and continuous monitoring of water quality, soil quality, air quality, climate data of the area.
• Developing field skills in field surveying, tree coring, soil sampling, water sample collecting and analyzing, climate data measuring.
• Analyzing and visualizing the collected field data.

Remote Sensing Analysis of Forest Change after Wenchuan Earthquake   Spring 2021

• Processing satellites data and the data analysis in ArcGIS.
• Analyzed, assessed and documented the forest change before and after 2008 Wenchuan earthquake.

Social and Work Experiences

Hydrology Laboratory Assistant (Volunteer) for Professor Jesse Hahm in Simon Fraser University   Fall 2021

Teaching Assistant in New York Institute of Technology   Jan 2023 - Present

Publications

Jin, C., Yu, K., & Zhang, K. *Evaluation of MODIS-based vegetation restoration after the 2008 wenchuan earthquake. E3S Web of Conferences; Les Ulis, Vol. 308, (2021)*

Research Interests

Hydrogeology, Surface Processes, Plate Tectonics, Environmental Consulting, Planetary Science

Skills

- Field Work: Long-term field camping ability, field surveying, tree coring, soil sampling, water sample collecting and analyzing
- Data Analysis: Python, R
- Geographical Information System: QGIS, ArcGIS, ENVI
- Languages: English and Chinese