

Wei Wang

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Education

Department of Geology and Geophysics, UW, Laramie Wyoming

- **Ph.D. candidate** in Geophysics Anticipated: 12/2018
- **Visiting Scholar** 08/2013 – 06/2014

Department of Geology, Northwest University, Xi'an China

- **BS in Geology** (GPA 3.48/4.0) 09/2010 -07/2014
- **Minor in Finance**
- **Network engineer** 2012.3

Research Experience

Graduate Research Assistant, Geology & Geophysics, UW 08/2014-Present

- Advisor: Dr. Po Chen, Seismology
- **Full-3D waveform Inversion for statewide California**
 - Dataset: Natural earthquake data and ambient noise data
 - Anticipated result: 3D tomography model for crustal structure in California
- **Geophysical Modeling for WyCHEG**
 - Dataset: Active seismic data and ambient noise data
 - Anticipated result: 3D tomography model for Medicine Bow National forest mountain area

Research Assistant, Geology & Geophysics, UW 08/2013-06/2014

- Advisor: Dr. Po Chen, Seismology
- **Website Building for Full-3-D tomography model in Southern California**
- **Seismic data processing**

Research Assistant, Northwest University 05/2012-07/2014

- Advisor: Dr. Juli Wang, Geology
- Geologic structure survey and rock sample collection in West Junggar basin
- Geochemistry experiments and data analysis of Igneous Rocks
- Thesis: West Junggar Hal hudag rock mass geology, geochemistry research

Leadership, Awards and Teamwork

- Excellent Graduate, Northwest University 2014
- CSC (Chinese Scholarship Council) Scholarship 2013.8-2014.6
- First Class scholarship, Northwest University 2013,2012,2011
- Excellent Undergraduate Student, Northwest University 2013.5
- Outstanding student leaders, Northwest University 2013
- Chairman of Photographic Association, Northwest University 2012-2013
- Runner-up of "Health Cup" Badminton game, Northwest University 2013
- Runner-up of "Dawn Cup" Soccer game, Northwest University 2012
- Team-Leader of class basketball team 2010-2013

Field Trip Experience

- Ambient Noise Data collection in Medicine Bow National Forest Mountain Area 09/2014
- Regional geological work methods and theories in Qinlin area 07/2013
- Geologic mapping and digital earth field trip in Anhui area 07/2012
- Basic geologic structure and geologic skill field trip in north China 07/2011

Computer Skills

- **Programming language:** Fortran90, C/C++, Python, Matlab, JavaScript, PHP, HTML.
- **Software packages:** Seismic Analysis Code (SAC), Generic Mapping Tools (GMT), Seismogram Transfer Program (STP), Gambit
- **Platforms:** Unix (SUN), Linux, Windows, and Macintosh

Language Native in Chinese, Fluent in English, Learning Spanish