

1. **Name**

Xiaofang Wei

2. **Education**

Ph.D., Geography, Indiana State University, Terre Haute, USA, 2008

M.S., Marine Environmental Science, The Third Institute of Oceanography, China, 1997

B.E., Photogrammetry & Remote Sensing, Wuhan Tech. Univ. of Surveying & Mapping, China, 1992

3. **Academic experience**

Central State University, Professor, Water Resources Management, 2017– Present, full-time

Central State University, Assoc. Prof., Water Resources Management, 2014-2017, full-time

Central State University, Asst. Prof., Water Resources Management, 2007-2013, full-time

4. **Non-academic experience**

Assistant Researcher: Center of Remote Sensing and Geographic Information System

The Third Institute of Oceanography, State Oceanic Administration (SOA); Xiamen, China, Application of GIS in the Management of Marine Waste Dumping Sites in Xiamen Harbor, SOA; Integrated Coastal Management in Xiamen Harbor, United Nations Development Programme (UNDP); Application of GIS in the Management of West Waters of Xiamen Harbor, SOA; Cadastral Information System for Gulangyu, Xiamen, SOA; Coastal Functional Zoning of Xiamen Harbor, SOA, 1992 – 2001, Full-time

5. **Certifications or professional registrations**

6. **Current membership in professional organizations**

Society for Conservation and GIS (SCGIS)

Association of American Geographers (AAG)

American Society for Photogrammetry & Remote Sensing (ASPRS)

American Association of University Professors (AAUP)

American Geophysical Union (AGU)

7. **Honor and awards(selected)**

Group Achievement Award, Harmful Algal Blooms Airborne Hyperspectral Team, National Aeronautics and Space Administration (NASA), 2015.

Certificate of Appreciation, International Education Week Committee, Central State University, 2014.

Certificate of Faculty Excellence, College of Science and Engineering, Central State University, 2013.

In Recognition of Faculty and Staff Proposals Submission on Research and Scholarly Activities, Central State University, 2012.

8. **Service activities(selected)**

Inside Institution

Committee on Information and Technology, University Senate Committee, (2017-2020)

Committee on Academic Technology, University Senate Committee, (2015-2017)

Global Education Committee, Central State University (2013-Present)
Committee on Writing Across the Curriculum, University Senate Committee (2014-present)
Committee on Student Appeal, College of Science and Engineering, (2015-present)
Executive Committee, Central State University Chapter of AAUP (2011-2014)
AAUP Chapter Writing Committee, Central State University Chapter of AAUP (2010-Present)
Academic Policy Committee, Senate, Central State University (2007-Present)
CSE Student Appeals Committee, College of Science and Engineering (2011-Present)
Global Education Committee, Central State University (2012-Present)
Faculty Development Steering Committee, Central State University (2010-Present)
CADRE Undergraduate Research Journal Committee, Central State University (2009 - Present)

Outside Institution

Proposal Review - Investigating Rapid White Oak Mortality (RWOM) in Central East Missouri using Moderate Resolution, Multispectral Satellite Imagery. Lincoln University of Missouri (2015)
Environmental Monitoring and Assessment Article Review - Agricultural practices in grasslands detected by spatial remote sensing (2014)

9. Publications and presentations (selected)

Publications

1. **Xiaofang Wei**, Subramania I. Sritharan, Ramanitharan Kandiah, and John Osterberg. "Allometric equations for the aboveground Tamarix biomass estimate in the Lower Colorado River Basin." *Desert Plants*, Volume 28 Number 2, December 2012.
2. **Xiaofang Wei**, "Biomass Estimation: A Remote Sensing Approach." *Geography Compass* © 2010 Blackwell Publishing Ltd. 4/11 (2010):1635-1647, 10.1111/j. 1749-8198.2010.00352.x

Presentations

1. Yang Liu, Hongxing Liu, **Xiaofang Wei**, Krishna Kumar Nedunuri, Ramani Kandiah, Subramania Sritharan, Spatial-temporal evolution of shale oil development in the Marcellus Shale in the past century, *AAG*, 2018
2. **Xiaofang Wei**, Hongxing Liu, and Krishna Kumar V. Nedunuri Airborne, LiDAR Forest Mapping of Appalachian Ohio Region for Environmental Impact Study, *ARD Research Symposium: 1890 Research: Meeting the 21st Century Challenges Through Innovation*, Atlanta GA, April 2017

10. Professional development activities(selected)

Annual Conference of Society for Conservation GIS, July 2019, Asilomar, CA
ENVI Analytics Symposium, August 20-23, 2018, Denver, CO
NIFA Capacity Building Grant PD Meeting, July 11- 12, 2018, Washington, D.C.
ESRI User Conference, July 11 – 14, 2017, San Diego, CA
AFRL RCP Annual Program Review, September 20-22, 2016, Dayton, OH
HBCU-UP/CREST PI/PD Meeting, February 24-25, 2016, Washington DC