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Professional Preparation

Indiana State University, Geography, Ph.D. Candidate (2014-); Indiana State University, Geography, M.A., 2014; Huazhong Agricultural University, GIScience, B.S., 2012.

Appointments

- Instructor (2012-), Department of Earth and Environmental Systems, Indiana State University, Dr. Jennifer Latimer, Supervising Faculty
- GIS assistant (2015), Department of Earth and Environmental Systems, Indiana State University, Dr. Susan Berta, Supervising Faculty
- Assistant Editor (2014), *Remote Sensing*, MDPI Branch Office, Wuhan, Hubei, China

Publications

- Shao, Z., Fu, H., **Fu, P.**, Li, Y. 2016. Mapping Urban Impervious Surface by Fusing Optical and SAR Data at the Decision Level. *Remote Sensing*, 8(11), 945.
- Fu, P.**, Weng, Q. 2016. Consistent Land Surface Temperature Data Generation from Irregularly Spaced Landsat Imagery. *Remote Sensing of Environment*, 184, 175-187.
- Fu, P.**, Weng, Q. 2016. A Time Series Analysis of Urbanization Induced Land Cover Change and Its Impact on Land Surface Temperature with Landsat Imagery. *Remote Sensing of Environment*, 175: 205-214.
- Fu, P.**, Weng, Q. 2015. Temporal Dynamics of Land Surface Temperature from Irregular Spaced Landsat TIR Time Series. *IEEE Geoscience and Remote Sensing Letters*, 12(11), 10.1109/LGRS.2015.2455019.
- Jiang, Y, **Fu, P.**, Weng, Q. 2015. Assessing the Impacts of Urbanization-Associated Land Use/Cover Change on Land Surface Temperature and Surface Moisture: A Case Study in the Midwestern United States. *Remote Sensing*, 7(4): 4880-4898.
- Jiang, Y, **Fu, P.**, Weng, Q. 2015. Downscaling GOES Land Surface Temperature for Assessing Heat Wave Health Risks. *IEEE Geoscience and Remote Sensing Letters*, 99: 1-5. DOI:10.1109/LGRS.2015.2414897.
- Weng, Q, **Fu, P.** 2014. Modeling Diurnal Land Temperature Cycles over Los Angeles Using Downscaled GOES Imagery. *ISPRS Journal of Photogrammetry and Remote Sensing*, 97: 78-88.
- Weng, Q., **Fu, P.**, F. Gao.2014. Generating Daily Land Surface Temperature at Landsat Resolution by Fusing Landsat and MODIS data. *Remote Sensing of Environment*, 145, 55-67.
- Weng, Q., **Fu, P.** 2014. Modeling Annual Parameters of Land Surface Temperature Variations and Evaluating the Impact of Cloud Cover Using Time Series of Landsat TIR Data. *Remote Sensing of Environment*, 140, 267-278.
- Liu, S., Yan, L., Yang, B., **Fu, P.** 2013. Influence of Sensor Spectral Parameters on the Simulation of Hyper-spectral Data Based on the Spectral Reconstruction Approach. *Spectroscopy and Spectral Analysis*, 33(2):513-516. (Paper in Chinese Language with an English abstract)

Synergistic Activities

- Third Place, IGIC's annual GIS Student Poster competition, 2016
- Session Organizer and Chair. Time Series Analysis of Satellite Images: Algorithms and Applications. American Association of Geographers Annual Meeting, San Francisco, CA, March 29-April 2, 2016.
- Best Student Paper Award (1st), EORSA 2014, Changsha, China, 2014
- Community engagement (ISU fund). WebGIS Service for Wabasiki Fish and Wildlife Area. 2013.
- Western Great Lakes Region Travel Scholarship, American Society for Photogrammetry and Remote Sensing (ASPRS), 2013