

Biographical Sketch

Jida Wang, Ph.D., Assistant Professor

Department of Geography, Kansas State University
3019 Seaton Hall, Manhattan, KS 66506

(785) 532-7310 (Fax), jidawang@ksu.edu, gdb Bruins@g.ucla.edu (Email)

Professional Preparation

University of California, Los Angeles (UCLA)	Geography	Ph.D. 2013
State University of New York (SUNY) College of Environ. Sci. and Forestry (ESF)	Environmental and Resource Engineering	M.S. 2008
Beijing Institute of Petrochemical Technology	Environmental Economics and Managements	B.M. 2006

Appointments

<i>Department of Geography</i> , Kansas State University Assistant Professor		2014-Present
<i>Department of Geography</i> , University of California, Los Angeles Postdoctoral Researcher (USGS G12PC00071)		2014
Research Assistant (NASA NNX08AE51G; NSF ARC-0713903)		2008-2013
Teaching Assistant/Associate/Fellow		2009-2012
<i>Department of Environmental and Resource Engineering</i> , SUNY ESF Research Assistant (NSF GRS-0648393)		2007-2008
Teaching Assistant		2006-2008

Selected Publications

- Yao, F., Wang, J., Wang, C., Crétaux, J-F, 2019. [Constructing long-term high-frequency time series of global lake and reservoir areas using Landsat imagery](#). *Remote Sensing of Environment*, 232, 111210.
- Zhan, S., Song, C., Wang, J., Sheng, Y., and Quan, J., 2019. [A global assessment of terrestrial evapotranspiration increase due to surface water area change](#). *Earth's Future*, 7(3), 266-282.
- Zhang, W., Hang, P., Song, C., Ke, L., Wang, J., Ma, R., Deng, X., Liu, K., Zhu, J., and Wu, Q., 2019. [Identifying emerging reservoirs along regulated rivers using multi-source remote sensing observations](#). *Remote Sensing*, 11(1), 25.
- Wang, J., Song, C., Reager, J.T., Yao, F., Famiglietti, J.S., Sheng, Y., MacDonald, G.M., Brun, F., Müller Schmied, H., Marston, R.A., and Wada, Y., 2018. [Recent global decline in endorheic basin water storages](#). *Nature Geoscience*, 11, 926-932 (featured in [News & Views](#)).
- Wu, Q., Liu, K., Song, C., Wang, J., Ke, L., Ma, R., Zhang, W., Pan, H., and Deng, X., 2018. [Remote sensing detection of vegetation and landform damages by coal mining on the Tibetan Plateau](#). *Sustainability*, 10(11), 3851.
- Yao, F., Wang, J., Yang, K., Wang, C., Walter, B.A., and Crétaux, J-F, 2018. [Lake storage variation on the endorheic Tibetan Plateau and its attribution to climate change since the new millennium](#). *Environmental Research Letters*, 13, 064011.
- Braget, M. P., Goodin, D. G., Wang, J., Hutchinson, J.M.S., and Alexander, K., 2018. [Flooded area classification using pooled training samples: an example from the Chobe River Basin, Botswana](#). *Journal of Applied Remote Sensing*, 12(2), 026033.
- Jiang, S., Nie, Y., Liu, Q., Wang, J., Liu, L., Hassan, J., Liu, X., Xu, X., 2018. [Glacier change, supraglacial debris expansion and glacial lake evolution in the Gyirong River Basin, Central Himalayas, between 1988 and 2015](#). *Remote Sensing*, 10(7), 986.
- Nie, Y., Liu, Q., Wang, J., Zhang, Y., Sheng, Y., and Liu, S., 2018. [An inventory of historical glacial lake outburst floods in the Himalayas based on remote sensing observations and geomorphological analysis](#). *Geomorphology*, 308, 91-106.
- Gleason, C.J., Wada, Y., and Wang, J., 2018. [A hybrid of optical remote sensing and hydrological modelling improves water balance estimation](#). *Journal of Advances in Modeling Earth Systems (JAMES)*, 10(1), 2-17.
- Yang, K., Yao, F., Wang, J., Luo, J., Shen, Z., Song, C., 2017. [Recent dynamics of alpine lakes on the endorheic Changtang Plateau from multi-mission satellite data](#). *Journal of Hydrology*, 552, 633-645.

- Wang, J., Sheng, Y., Wada, Y., 2017. [Little impact of the Three Gorges Dam on recent decadal lake decline across China's Yangtze Plain](#). *Water Resources Research*, 53(5), 3854–3877 (featured in [Editors' Highlight](#)).
- Song, C., Sheng, Y., Wang, J., Ke, L., Madson, A., and Yong, N., 2017. [Heterogeneous glacial lake changes and links of lake expansions to the rapid thinning of adjacent glacier termini in the Himalayas](#). *Geomorphology*, 280, 30–28.
- Wada, Y., Reager, J.T., Chao, B.F., Wang, J., Lo, M.H., Song, C., Li, W., and Gardner, A.S., 2017. [Recent changes in land water storage and its contribution to sea level variations](#). *Surveys in Geophysics*, 38, 131–152.
- Sheng, Y., Song, C., Wang, J., Lyons, E.A., Knox, B.R., Cox, J.S., and Gao, F., 2016. [Representative lake water extent mapping at continental scales using multi-temporal Landsat-8 imagery](#). *Remote Sensing of Environment*, 185, 129–41.
- Song, C., Sheng, Y., Ke, L., Nie, Y., and Wang, J., 2016. [Glacial lake evolution in the southeastern Tibetan Plateau and the cause of rapid expansion of proglacial lakes linked to glacial-hydrogeomorphic processes](#). *Journal of Hydrology*, 540, 504–514.
- Gleason, C and Wang, J., 2015. [Theoretical basis for at-many-station hydraulic geometry](#). *Geophysical Research Letters*, 42(17), 7107–7114.
- Wang, J., Sheng, Y., Tong, T.D., 2014. [Monitoring decadal lake dynamics across the Yangtze Basin downstream of Three Gorges Dam](#). *Remote Sensing of Environment*, 152, 251–269.
- Wang, J., Sheng, Y., Gleason, C.J., and Wada, Y., 2013. [Downstream Yangtze River levels impacted by Three Gorges Dam](#). *Environmental Research Letters*, 8, 044012.
- Lyons, E.A., Sheng, Y., Smith, L.C., Li, J., Hinkel, K.M., Lenters, J.D., and Wang, J., 2013. [Quantifying sources of error in multitemporal, Landsat-based lake mapping](#). *International Journal of Remote Sensing*, 34(22), 7887-7905.
- Wang, J., Sheng, Y., Hinkel, K.M., Lyons, E.A., 2012. [Drained thaw lake basin recovery on the western Arctic Coastal Plain of Alaska using high-resolution digital elevation models and remote sensing imagery](#). *Remote Sensing of Environment*, 119, 325–336.
- Hinkel, K.M., Sheng, Y., Lenters, J.D., Lyons, E.A., Beck, R.A., Eisner, W.R. and Wang, J., 2012. [Thermokarst lakes on the Arctic Coastal Plain of Alaska: geomorphic controls on bathymetry](#). *Permafrost and Periglacial Processes*, 23(3), 218–230 (featured in Editor's Choice).
- Wang, J. and Mountrakis, G., 2011. [Developing a multi-network urbanization model: a case study of urban growth in Denver, Colorado](#). *International Journal of Geographical Information Science*, 25(2), 229–253.
- Mountrakis, G., Watts, R., Luo, L., and Wang, J., 2009. [Developing collaborative classifiers using an expert-based model](#). *Photogrammetric Engineering & Remote Sensing*, 75(7), 831–844.

Synergistic Activities

- **Ad-hoc Referee:** 80+ reviews for multiple NASA/NSF programs and 30+ different journals
- **Associate Editor:** International Journal of Remote Sensing (IJRS) since January, 2018
- **Editorial Board:** The Professional Geographer since July 2019
- **Panelist:** NASA Water and Energy in the Earth and Space Science Fellowship (NESSF), 2016
- **Association Member:** American Geophysical Union (AGU); Association of American Geographers (AAG); Chinese-American Oceanic & Atmospheric Association (COAA)
- **Invited Colloquiums:** University of Kansas, 2019; Nanjing University, 2018; Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences (CAS), 2018; University of Tulsa, 2018; CAS Institute of Remote Sensing and Digital Earth, 2016; CAS Xinjiang Institute of Geography and Ecology, 2016; East China Normal University, 2015; Rutgers, the State University of New Jersey, 2015; Harbin Normal University, 2015; Sun Yat-sen University, 2013.
- **Invited Workshops:** Remote sensing of inundation extent in wetlands, lakes, and rivers, by NASA, Boulder, Colorado, May 2018; Lakes, satellite observations and climate, by the Centre National d'Etudes Spatiales (CNES; National Center for Space Studies, France), Toulouse, France, June 2017.
- **Selected Awards:** Early Career Scholar in Remote Sensing, Remote Sensing Specialty Group, AAG, 2019; International Collaboration Incentive for Publication and Creative Work, Kansas State University, 2018; Faculty Development Award, Kansas State University, 2018; Distinguished Teaching Award, Academic Senate of UCLA, 2013-2014; Doctoral Dissertation Year Fellowship, ULCA, 2012-2013; Excellence in Academics, Scholarship and Leadership, SUNY-ESF, 2007-2008.
- **Selected media exposure:** Bild der Wissenschaft, Climate News Network, Mercury (newspaper in Manhattan, Kansas), Science Daily, The Conversation, UCLA News, Water Canada, World Economic Forum, Xinhua.