IDENTIFYING INFORMATION:

NAME: Tang, Zhenghong

POSITION TITLE: Professor

PRIMARY ORGANIZATION AND LOCATION: University of Nebraska-Lincoln, Community and Regional Planning Program, Lincoln, Nebraska, United States

Professional Preparation:

ORGANIZATION AND LOCATION	DEGREE (if applicable)	RECEIPT DATE	FIELD OF STUDY
Texas A&M University, College Station, Texas	PHD	05/2007	Urban and Regional Science
Huazhong Agricultural University	MS	07/2000	Soil Science
Hunan Normal University	BS	07/1997	Land Management

Appointments and Positions

2019 - present   Professor, University of Nebraska-Lincoln, Community and Regional Planning Program, Lincoln, Nebraska, United States

2020 - present   Program Director, University of Nebraska-Lincoln, Community and Regional Planning Program, Lincoln, Nebraska, United States

2014 - 2019   Associate Professor, University of Nebraska-Lincoln, Community and Regional Planning Program, Lincoln, Nebraska, United States

2008 - 2014   Assistant Professor, University of Nebraska-Lincoln, Community and Regional Planning Program, Lincoln, Nebraska, United States

Products

Products Most Closely Related to the Proposed Project

1. **Zhang L, Hu Q, Hayes M, Burbach M, Messer M, Zhou Y, Tang Z. Evaluating Nebraska's Local Comprehensive Plans to Achieve the National Wetland Conservation Missions in the USA. Ecosystem Health and Sustainability. 2022 April 21; 8(1):2070550. DOI: https://doi.org/10.1080/20964129.2022.2070550**

2. **Zhang L, Hu Q, Tang Z. Assessing the contemporary status of Nebraska's eastern saline wetlands by using a machine learning algorithm on the Google Earth Engine cloud computing platform. Environ Monit Assess. 2022 Feb 16;194(3):193.**

3. **Zhang L, Hu Q, Tang Z. Using Sentinel-2 Imagery and Machine Learning Algorithms to Assess the Inundation Status of Nebraska Conservation Easements during 2018-2021. Remote Sensing. 2022 September 03; 14(17):4382-. DOI: 10.3390/rs14174382**

4. **Jahangeer J, Zhang L, Tang Z. Evaluating Wetland Hydrological Performance under Three Different Conservation Programs in Nebraska, U.S.A. During 2018-2021. Journal of the American Water Resources Association. 2024; 60(1):132-147. Available from:**

http://doi.org/10.1111/1752-1688.13160

5. Jahangeer J, Zhang L, Tang Z. Assessing Salinity Dynamics of Saline Wetlands in Eastern Nebraska using Continuous Data from Wireless Sensors. Journal of Hazardous, Toxic, and Radioactive Waste. 2024; 28(1):04023035. Available from: https://doi.org/10.1061/JHTRBP.HZENG-1263

Other Significant Products, Whether or Not Related to the Proposed Project

1. Wang L, Zhou Y, Hu Q, Tang Z, Ge Y, Smith A, Awarda T, Shi Y. Early Detection of Encroaching Woody Juniperus virginiana and Its Classification in Multi-Species Forest Using UAS Imagery and Semantic Segmentation Algorithms. Remote Sensing. 2021 May 19; 13(10):1975. DOI: https://doi.org/10.3390/rs13101975

2. Figueroa-Alfaro R, Tang Z. Evaluating Aesthetic Value of Cultural Ecosystem Service by Mapping Geo-Tagged Photographs from Social Media Data on Panoramio and Flickr. Journal of Environmental Planning and Management. 2016 March 18; 60(2):266-281. DOI: https://doi.org/10.1080/09640568.2016.1151772

3. Li Y, Tang Z, Liu C, Kilic A. Estimation and Investigation of Consumptive Water Use in Residential Area -Case Cities in Nebraska, U.S.A. Sustainable Cities and Society. 2017; 35:637-644. DOI: https://doi.org/10.1016/j.scs.2017.09.012

4. Hu Q, Tang Z, Zhang L, Xu Y, Wu X, Zhang L. Evaluating Climate Change Adaptation Efforts on the U.S. 50 States' Hazard Mitigation Plans. Natural Hazards. 2018; 92:783-804. DOI: https://doi.org/10.1007/s11069-018-3225-z

5. Hu Q, Tang Z, Shulski M, Umphlett N, Abdel-Monem T, Uhlarik Fe.. An Examination of Midwestern U.S. Cities' Preparedness for Climate Change and Extreme Hazards. Natural Hazards. 2018; 94(2):777–800.1. DOI: https://doi.org/10.1007/s11069-018-3420-y