*NAME William Isaac Ford *Required fields

ORCID ID (Optional)

*POSITION TITLE Associate Professor

*PRIMARY ORGANIZATION & LOCATION University of Kentucky, Lexington Kentucky

***PROFESSIONAL PREPARATION - (see PAPPG Chapter II.D.2.h.i.a.3)**

PREVIOUS ORGANIZATION(S) & LOCATION(S)	DEGREE (if applicable)	RECEIPT DATE* (MM/YYYY)	FIELD OF STUDY
University of Kentucky	B.S.	05/2010	Civil Engineering
University of Kentucky	M.S.	08/2011	Civil Engineering
University of Kentucky	Ph.D.	08/2014	Civil Engineering
USDA-ARS SDRU			Agricultural Engineering

Note - For Fellowship applicants only, please include the start date of the Fellowship.

***APPOINTMENTS AND POSITIONS - (see PAPPG Chapter II.D.2.h.i.a.4)**

Start Date - End Date	Appointment or Position Title, Organization, and Location
July 23'-Present	Associate Professor, University of Kentucky, Biosystems and Agricultural Engineering
Jan 17'-June 23'	Assistant Professor, University of Kentucky, Biosystems and Agricultural Engineering
Aug 15'- Dec 16'	Assistant Professor, Marshall University, Weisberg Division of Engineering

***PRODUCTS - (see PAPPG Chapter II.D.2.h.i.a.5) Products Most Closely Related to the Proposed Project**

1) Radcliff, C., Ford, W.I., *Nazari, S. Sheppard, C. 2021. Impact of water source dynamics on dissolved reactive phosphorus loadings in heterogeneous karst agroecosystems with phosphatic limestones. Hydrological Processes.

2) Ford, W.I., Fox, J.F. 2021. Sediment carbon fate in lowland rivers. Nat. Geosci. https://doi.org/10.1038/s41561-021-00849-3.

3) Pickering, C., Ford, W.I. 2021. Effect of watershed disturbance and river-tributary confluences on watershed sedimentation in the Western Allegheny Plateau. Journal of Hydrology. 602: 126784. doi.org/10.1016/j.jhydrol.2021.126784

4) Nazari, S., Ford, W.I., King, K. 2021. Quantifying Field-scale Hydrologic Pathway and Connectivity Dynamics in Tile-Drainage: Implications for P concentrations. Vadose Zone Journal, e20154.

5) Bunnell, N., Ford, W.I., Fogle, A., Taraba, J. 2020. Reach-scale model of aquatic vegetation quantifies N fate in a bedrock-controlled karst agroecosystem stream. Water, 12, 2458. doi: 10.3390/w12092458

Other Significant Products, Whether or Not Related to the Proposed Project (see PAPPG Chapter II.D.2.h.i.a.5)

1) Riddle, B., Fox, J., Mahoney, D. T., Ford, W., Wang, Y., Pollock, E., Backus, J. 2023. Investigation of carbon and nitrogen stable isotope tracers (non)conservativeness for sediment fingerprinting. Science of the Total Environment.

2) Husic, A., Fox, J., Al Aamery, N., Ford, W., Pollock, E., Backus, J. 2021. Seasonality of recharge drives spatial and temporal nitrate removal in a karst conduit as evidenced by nitrogen isotope modeling. JGR Biogeosciences. e2021JG006454

3) Nazari, S., Ford, W.I., King, K. 2020. Impacts of preferential flow and agroecosystem management on subsurface particulate phosphorus loadings in tile-drained landscapes. Journal of Environmental Quality. 49(5): 1370-1383. doi.org/10.1002/jeq2.20116

***Synergistic Activities - (see PAPPG Chapter II.D.2.h.(i)(a)(6))**

1) PI or Co-PI on over $7 million in extramural research funding.

2) Authored or co-authored 37 peer-reviewed journal articles across high-ranking water resources, environmental, and agricultural engineering journals.

3) Advised more than 20 students in undergraduate and graduate research projects, in addition to advising high school students, students in an undergraduate research course, and senior design capstone projects.

4) Invited peer-reviewer for 14 different journals.

5)Taught ten unique courses spanning freshmen to graduate level water resources and environmental engineering topics.

***Certification**:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to domestic and foreign appointments and positions. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§287, 1001, 1031 and 31 U.S.C. §§3729-3733 and 3802.

Signature
(Please type out full name): William I. Ford Date: 10/26/2023