

John F. Keniston

Curriculum Vitae

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University of Maryland, College Park
Department of Geographical Sciences
4321 Hartwick Road, Room 426
College Park, MD 20740

EDUCATION

M.P.S., Geospatial Information Sciences May 2017
University of Maryland College Park, MD

B.S., Environmental Science and Policy December 2013
University of Maryland College Park, MD

APPOINTMENTS

Faculty Specialist, Department of Geographical Sciences April 2018 - Present
University of Maryland College Park, MD

SUMMARY

- Leads software development for the Agriculture Monitoring in the Americas (AMA) Resource Hub
- Software developer for NASA Harvest and the NASA Harvest data distribution, analysis, and discovery platform - "Harvest Portal"
- Software developer for the server-less cloud implementation of the Global Agricultural Monitoring (GLAM) System on Amazon Web Services
- Chair of the Faculty Specialist Committee, representing Professional Track faculty within the Department of Geographical Sciences

OTHER EXPERIENCE

Geospatial Analyst II May 2017 – April 2018
Radiant Solutions Gaithersburg, MD

GIS Analyst November 2014 - May 2017
Anne Arundel County Department of Health Annapolis, MD

GIS Technical Assistant May 2014 - November 2014
Anne Arundel County Department of Health Annapolis, MD

CONFERENCE PRESENTATIONS

Whitcraft, A.K; Humber, M.; Keniston, J.F.; O'Neill, F.D.F; Becker-Reshef, I., " A Global Agricultural Monitoring (GLAM) Use Case to Evaluate Amazon Web Services for Near-Real Time Decision Support, " Session presentation, American Geophysical Union (AGU) Fall Meeting, San Francisco, CA, Dec. 3 - 13, 2019.

Humber, M., Keniston, J.F., Whitcraft, A.K, O'Neill, F.D.F, " Prototyping Cloud Architecture for Operational Vegetation Monitoring: The Global Agricultural Monitoring System, " Session presentation, 21st

William T. Pecora Memorial Remote Sensing Symposium and the 38th International Symposium for Remote Sensing and Environment (ISRSE), Baltimore, MD, Oct. 6 – 11, 2019.

Keniston, J.; Humber, M.L.; Barker, B.; Sanchez, A.; O'Neill, F.; Whitcraft, A.K.; Becker-Reshef, I., “EOFSAC Portal - A tool for food security and agricultural data discovery and analysis,” Poster, 2018 American Geophysical Union (AGU) Fall Meeting, Washington D.C., Dec. 10 – 14, 2018.

NON-REFEREED PUBLICATIONS

Humber, M.; Keniston, J.; O'Neill, F.D.; Whitcraft, A., “Global Agricultural Monitoring (GLAM): An Agricultural Monitoring Use Case to Evaluate Amazon Web Services,” Jul. 2019.

COMMITTEES, PROFESSIONAL & CAMPUS SERVICE

Chair, Faculty Specialist Committee
Department of Geographical Sciences, University of Maryland

August 2019 - Present