

USGS Maryland-Delaware-District of Columbia Water Science Center

Seminar Series

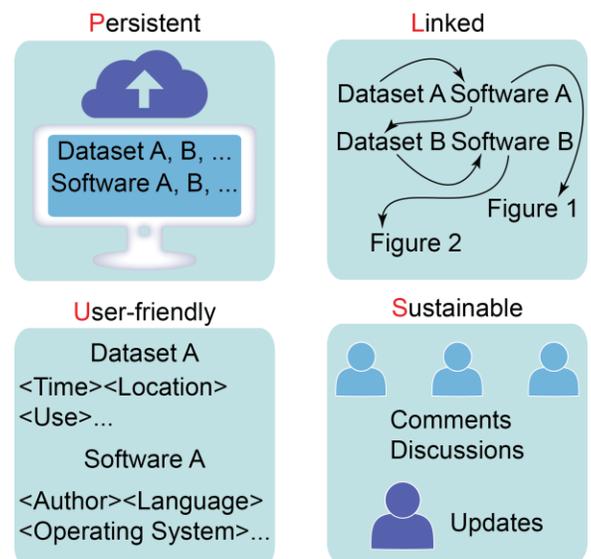
**Tuesday, March 22, 2016 at 11:00 a.m.**

**Are you writing a paper? Write a useful one!**

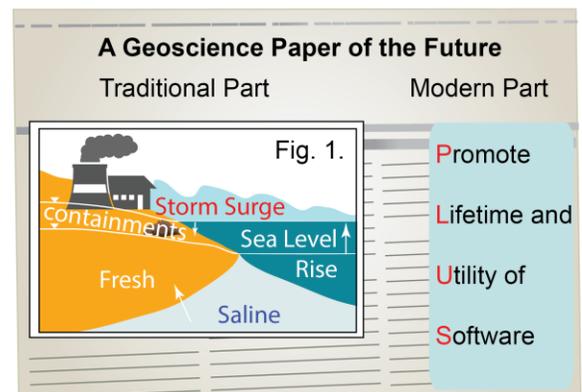
**Modern publication strategies using a coastal hydrology example**

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Data collection and numerical modeling are commonly used in geoscience research. However, the research transparency is relatively poor in traditional publication methods (text, figures, and tables). To improve the utility of publication, digital research products (e.g., software, data) should be made persistent, linked, user-friendly, and sustainable. A study seeking to understand the impacts of storm surge on groundwater salinization is given to demonstrate how modern publication strategies can improve the usefulness of scientific papers. Modern publication strategies can be effective in preserving the results from both field studies and numerical modeling, which would promote research utility for science, government, and public education.



*Dr. Xuan Yu is one of 15 Distinguished Lecturers in the NSF EarthCube Program. Xuan earned a B.S. in hydrogeology from China University of Geosciences and a Ph.D. in Civil Engineering from the Pennsylvania State University. He is currently a postdoctoral researcher in the Department of Geological Sciences at the University of Delaware working with Drs. Holly Michael and Donald Sparks. (Scan the QR code for more details).*



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