Dear Colleagues,

Please consider submitting an abstract to our AGU session on "**Open-Source Programming, Scripting, and Tools for the Hydrological Sciences**". Our session will be part of the AGU Fall Meeting, which will be held in San Francisco during the week of December 9-13, 2013. Abstracts for the 2013 Fall Meeting in San Francisco are due on **August 6 (this is a very hard deadline!)** and can be submitted through the meeting website: http://fallmeeting.agu.org/2013/.

The purpose of our session is to bring together hydrologists who are actively developing open-source software and those who use powerful scripting tools like Python and R to conduct sophisticated hydrologic analyses. We are very pleased to announce our four invited speakers, who have agreed to join us. They come from a variety of backgrounds and are speaking on topics that will be of wide interest. Our invited speakers are:

- Chris Kees -- Making it Easy to Construct Accurate Hydrological Models that Exploit High Performance Computers

- Jayantha Obeysekera – Using R for Hydrologic Investigations of Climate Change

- Fernando Perez -- IPython: Components for Interactive and Parallel Computing Across Disciplines

- Jarno Verkaik -- Python Processing and Version Control using VisTrails for the Netherlands Hydrological Instrument

The session description, which is available at the AGU Fall Meeting website (https://fallmeeting.agu.org/2013/scientific-program/session-search/sessions/h062-open-source-programming-scripting-and-tools-for-the-hydrological-sciences-2/) is as follows.

H062. Open-Source Programming, Scripting, and Tools for the Hydrological Sciences

Development and use of open-source software is rapidly advancing for both surface and subsurface hydrological investigations. In addition, scripting in powerful programming languages such as Python and R has become an important tool for many hydrologists, because it facilitates modeling, visualization, and data analysis in an efficient and reproducible manner. This session calls for a gathering of developers and users of open-source software in all fields of hydrology to discuss recent developments, innovative applications of scripting languages and tools such as Python and R, applications of open-source software for teaching, and strategies for fostering continued open-source development in hydrology.

Christian Langevin, U.S. Geological Survey, Reston, Virginia, USA

Alberto Viglione, Institute of Hydraulic Engineering and Water Resources Management, Vienna University of Technology, Vienna, Austria.

Attilio Castellarin, Dipartimento di Ingegneria Civile, Chimica, Ambientale e dei Materiali, Bologna University, Bologna, Italy.

Mark Bakker, Delft University of Technology, Delft, Netherlands.

Hope you can join us!

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