FIRST ANNOUNCEMENT
12th International Precipitation Conference (IPC 12)

Precipitation estimation and prediction at global to regional scales:
Advances in hydroclimatoloy and impact studies

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The Soroosh Sorooshian Hydrometeorology Symposium

June 12-14, 2019
Irvine, California

Precipitation remains one of the most challenging processes to model and predict at the global, regional and local scales with significant implications for our ability to quantify water cycle dynamics, inform decision making, and predict hydro-geomorphic hazards in response to extremes. A key to these efforts is adequate observations across space and time scales to constrain and improve models, inform data assimilation efforts, and detect and attribute changes in large scale dynamics and regional extremes. Building on the previous International Precipitation Conferences (IPCs), IPC12 aims to bring together the international community to integrate research, discuss challenges and opportunities, and craft future directions. Innovative contributions are sought that focus on three main themes: (1) estimation of precipitation from multiple sensors; (2) water cycle dynamics and predictive modeling at global to local scales; and (3) hydrologic impacts of precipitation extremes and anticipated change.

A special feature of IPC12 will be to honor the pioneering career of Professor Soroosh Sorooshian in advancing hydrometeorology research and applications, providing community leadership, and mentoring a cadre of colleagues over the past four decades. As the founder of the Center for Hydrometeorology and Remote Sensing (CHRS), he has built global capacity for forecast and mitigation of hydrologic disasters through the development of precipitation products, leveraging and extending the benefits of space and weather agencies’ technological resources into applications that assist hydrologists and water resource managers worldwide with equitable access to relevant information. A trademark of CHRS is the PERSIANN product used worldwide for hydrologic prediction and water resources applications. The Soroosh Sorooshian Hydrometeorology Symposium will be integrated through IPC12 with special lectures, events and celebrations.

The first IPC was organized in Caracas, Venezuela in 1986 as a Chapman Conference, and it has since been hosted around the world. IPC12 brings the community back to the US (17 years later; IPC7 in 2001 was hosted in Maine) in the beautiful setting of Irvine in Southern California.

Details of the conference venue, organizing committee, and agenda are forthcoming. Please hold the dates of June 12-14, 2019 and spread the word to your colleagues. For questions please contact Efi Foufoula-Georgiou at ef@uci.edu.