

SCIENTIFIC FORUM

NUCLEAR SCIENCE FOR DEVELOPMENT

ATOMS
FOR
WATER



Mr Jay Famiglietti

Global Futures Professor

Arizona State University, United States of America

Mr Jay Famiglietti is a hydrologist and Global Futures Professor at Arizona State University, where he serves as Director of Science for the Arizona Water Innovation Initiative. He is President-Elect of the American Geophysical Union (AGU) Hydrology Section. His research focuses on global freshwater availability, and his team pioneered satellite-based methods to detect groundwater depletion from space. Famiglietti previously held leadership and faculty roles at the University of Saskatchewan, NASA's Jet Propulsion Laboratory, University of California at Irvine, and University of Texas at Austin. He was also appointed to the California State Water Boards by former-Governor Jerry Brown. A fellow of both the AGU and the Geological Society of America, and recipient of AGU's Peter S. Eagleson Hydrological Sciences Award, Famiglietti is deeply engaged in science communication and advising water security across sectors.