



**A brief report on 28th IUGG General Assembly (IUGG-2023)
(July 10-16, 2023, Berlin, Germany)**

**Deen Dayal, Department of Water Resources Development and Management,
Indian Institute of Technology Roorkee India, India**

I am delighted to share my enriching experiences from two prominent events in the field of hydrology: the Panta Rhei Symposium and the 28th IUGG General Assembly-2023 (IUGG-2023). These invaluable opportunities were made possible through the generous support of the International Association of Hydrological Sciences (IAHS) through the SYSTA award. Attending these conferences has been instrumental in my professional growth, and I express my heartfelt gratitude to IAHS for providing early career scientists like me with these remarkable opportunities.

The Panta Rhei Symposium, hosted at the GFZ German Research Center for Geosciences in Potsdam, brought together a distinguished assembly of hydrological experts and researchers from across the globe. The symposium served as a platform to delve into contemporary trends and research advancements in hydrological sciences, fostering meaningful discussions on a successful scientific decade.

My participation in IUGG-2023 held at the CityCube in Berlin, Germany, was a transformative experience. IUGG-2023 served as a platform to present my research on “Hydrological Model Calibration Using Satellite Retrieved Soil Moisture: Implications for Discharge Predictions”. Sharing my work with like-minded researchers and receiving valuable feedback was a truly memorable experience. The assembly showcased cutting-edge research and innovations spanning multiple geosciences disciplines, including hydrology. Engaging in diverse sessions and presentations broadened my horizons and ignited a passion for exploring new avenues within my field of study. The networking opportunities were invaluable, enabling me to connect with leading scientists and practitioners, and these connections have the potential to shape my future career positively through collaborative ventures.

One of the highlights of my stay in Germany was the opportunity to attend scientific workshops, engage in meetings with IAHS officers and Early Career Committee members. These interactions provided a platform for me to voice my thoughts and concerns as an early career scientist. I was deeply impressed by IAHS's commitment to addressing the needs of young researchers. Their dedication to nurturing and supporting professionals like me is truly commendable, and it has bolstered my motivation to make a more significant contribution to the hydrological sciences community. Moreover, my time in Germany as an early career scientist was an extraordinary and enriching journey, and I extend my sincere appreciation to the IAHS for making it possible.

Presentation Details:

Presentation Title: Hydrological Model Calibration Using Satellite Retrieved Soil Moisture: Implications for Discharge Predictions.

Session: H03c-Floods: Processes, Forecasts, Probabilities, Impact Assessments, and Management.

[Attached: Photo from the Event]

