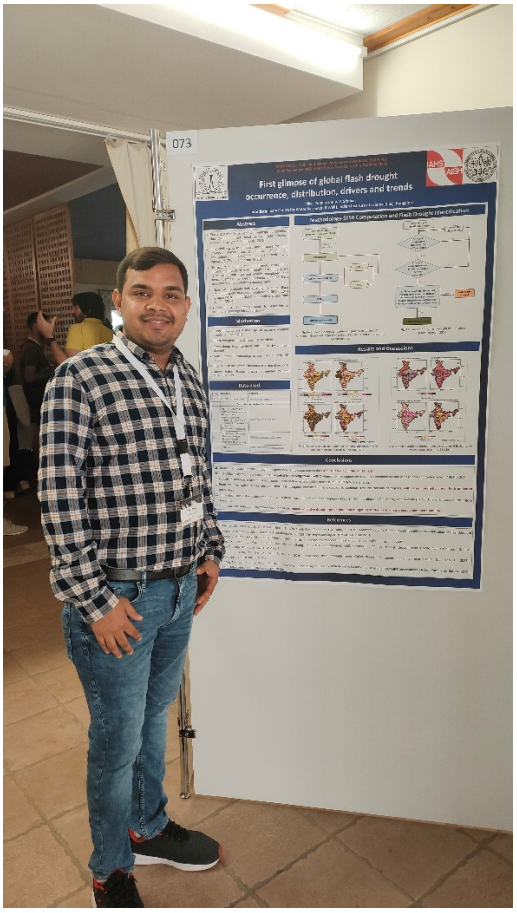
Report on STAHY2022 by Vikas Poonia

The organizing committee of the 12th International Workshop on Statistical Hydrology (STAHY2022) and the International Commission on Statistical Hydrology (ICSH) of the International Association of Hydrological Sciences (IAHS) organized this scientific event that was held between 17th to 20th September 2022, in Chia, Sardinia, Italy at the "Hotel Parco Torre Chia". I am highly thankful to IAHS to approve my funding for **Sivapalan Young Scientists Travel Awards (SYSTA)** to participate this scientific workshop. The aim of the international workshop was to explore and develop the understanding regarding the risks due to extreme climatic events and facilitating the way forward towards better plans and strategies for disaster risk management, adaptation and mitigation. The program explores the hydrological forecasting and nowcasting, including e.g.: data assimilation techniques, characterization of different sources of uncertainty. The program also focuses on hydrological applications based on big data, data mining techniques, artificial intelligence and machine learning techniques. It also tried to explore scaling approaches in hydrology, fractals and multifractals.

Abstract First glimpse of global flash drought occurrence, distribution, drivers and trends: past and future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