

Report

STAHY 2023 – 13th International Workshop on Statistical Hydrology

8-10 November 2023, Northeastern University, Boston

STAHY 2023 has provided me with an incredible learning experience that helped enhance my knowledge of the recent advancements in machine learning algorithms and statistical methods for hydrological applications. The expert talks from the Early Career Workshop, as well as Day 1 of the workshop, elaborated on a spectrum of methodologies in applying artificial intelligence (AI) and statistical hydrology for addressing challenges in hydrological data, heavy tails in hydrological modeling, improving streamflow forecasts, interpreting flood damage, advancing flood frequency analysis, and transforming research into operation. The oral and poster presentations discussed addressing a range of problems in hydrology using AI and statistical methods. The session on ‘Reflections from the community’ contributed significantly to raising several research questions that could be addressed by integrating AI with statistical hydrology. I thank IAHS SYSTA for giving me this opportunity to attend the workshop and interact with the experts and peers in this domain.



Group photo of STAHY 2023, Northeastern University, Boston, USA

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