

NSF Meta-Workshop: AI to Accelerate Science and Engineering Discover (AI2ASED)

Contribution ID: 23

Type: **not specified**

Accelerating AI Applications in Environmental Sciences

Monday 2 October 2023 15:40 (8 minutes)

In this lightning talk, we will provide an overview of NOAA Center for AI's approach to foster an open community discussion that gather members from academic researchers, industry leaders, and government researchers and managers around the topics of AI development in environmental sciences. Since 2022, the annual NOAA AI workshop transitioned into an open community forum where all interested members in the community will come together to set the research agenda for AI in environmental sciences. This year's NOAA AI Workshop centered around two themes - building benchmarking frameworks for AI R&D and facilitating research-to-applications transition for AI in environmental sciences. The community identified the key challenges in AI-ready data, cyber-/social-infrastructures, and workforce development that need to be addressed to fully embrace the potential of AI in environmental sciences.

Authors: KHIN, Eric (NOAA National Centers for Environmental Information); REDMON, Rob (NOAA Center for AI); RAO, Yuhan "Douglas" (Cooperative Institute for Satellite Earth System Studies/NOAA National Centers for Environmental Information)

Presenter: RAO, Yuhan "Douglas" (Cooperative Institute for Satellite Earth System Studies/NOAA National Centers for Environmental Information)

Session Classification: Lightning talk II