Joshua Huber

IT Team Lead,

National Weather Service

NON-COMPETITIVE DIVISION

The Future of Weather Data Delivery

The NCEP Central Operations (NCO) IT platforms play a critical role in supporting NOAA's Weather-Ready Nation. NCO is responsible for managing the network infrastructure and the two private cloud data centers that run applications used by NWS forecasters, government partners, emergency managers, and private users. This poster will cover: the architecture (current and future), application responsibilities, and challenges supporting applications that transmit NWS watches, warnings, and advisories.

Presentation Theme: The theme of the presentation is to inform the emergency management community of changes occurring with the National Weather Service transformation effort as it pertains to data.

Collaborators, Advisor(s) and Department(s) that assisted with this research: Carissa Klemmer, Chief Implementation and Data Services Branch.