

Recent and Planned NASA Activities Relevant to APOLO

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NASA has recently supported several efforts that have or will provide synergistic polarimetric observations of the atmosphere. Here, an overview of activities relevant to APOLO will be highlighted, with a particular focus on recent NASA field campaign and calibration/validation efforts, such as the 2024 Arctic Radiation-Cloud-Aerosol-Surface Experiment (ARCSIX), the PACE Postlaunch Airborne eXperiment (PACE-PAX), and those relevant to ESA's Earth Cloud Aerosol and Radiation Explorer (EarthCARE) mission. As part of this overview, a discussion of the upcoming Multi-Angle Imager for Aerosols (MAIA) mission and plans for calibration/validation efforts will be included. Finally, an overview of future efforts and opportunities that will further enable collaboration between NASA and APOLO will be provided.

Preferred mode of presentation: Oral