Working Group IV
Data Delivery and Formats
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Overview**:**

- NOAA requires GPM-era data with minimal data latency and provided in formats that will be suitable for immediate use across NOAA.

- Additionally, NOAA-unique products can be generated from the GPM radiometer constellation.

Expected Outcome:

- Identify needed actions to prepare for a potential transition of relevant portions of NASA's ground processing segment for GPM (e.g., PPS- Precipitation Processing System) and to determine specific NOAA-needs from the PPS and its related components (e.g., communication lines, computing power, etc.).

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Questions for Panelists to Consider:

- What is the expected data latency of GPM core and constellation member L1 and L2 data? How do these compare to TRMM? Are there ways to improve on these nominal values (i.e., enhance com lines between NASA and NOAA, direct downlink, etc.) and at what cost?
- How might NOAA improve its product processing and delivery to users through the elimination of "stove pipes"? What are the benefits and obstacles to this approach?
- What are the expected data formats for the GPM data from NASA and what are the data format plans at NOAA?
- What are the most important aspects of the PPS transition to NOAA - L1? L2? L3?
- How can NASA and NOAA operate the PPS in a synergistic manner?
- How can GPM be leveraged to generate NOAA-Unique Products?