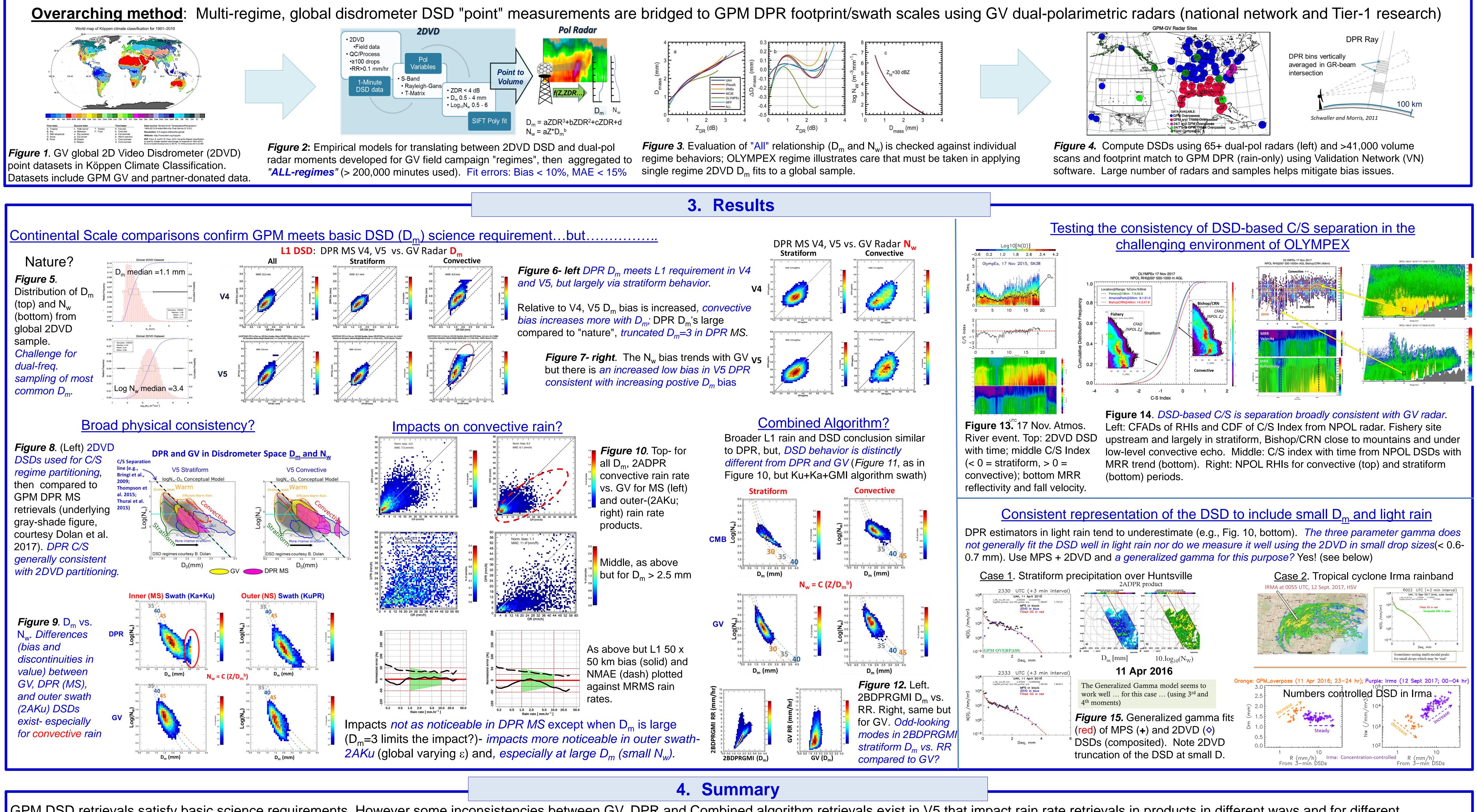


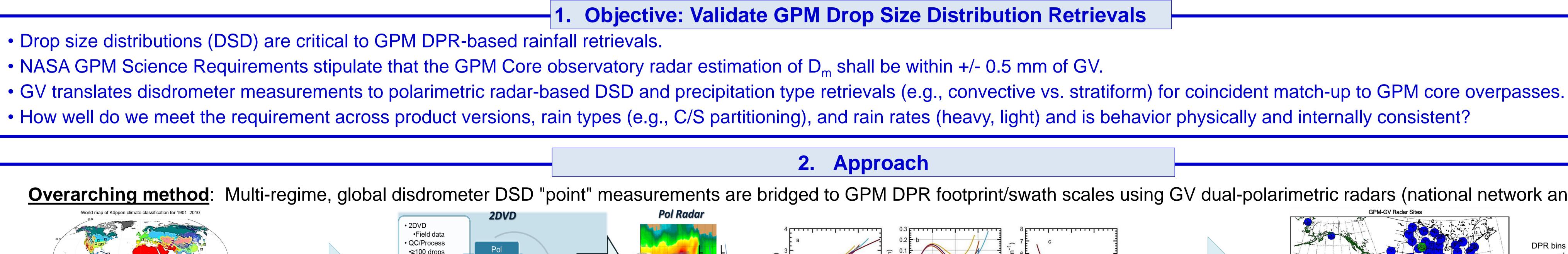
- Drop size distributions (DSD) are critical to GPM DPR-based rainfall retrievals.



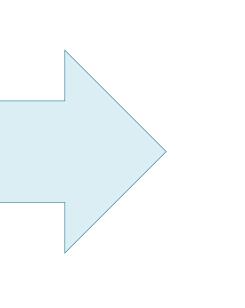
GPM DSD retrievals satisfy basic science requirements. However some inconsistencies between GV, DPR and for different ways and for different precipitation types. Underlying physics of DPR DSD behave differently. Impacts to rain rate retrievals are found when filtering for precipitation type and/or DSD. Continued validation of algorithm retrievals and GV approaches is required to a) verify consistent physics; b) assure the right reasons; and c) improve general application of algorithm approaches as it pertains to form of the DSD (e.g., gamma vs. generalized gamma vs. ?).

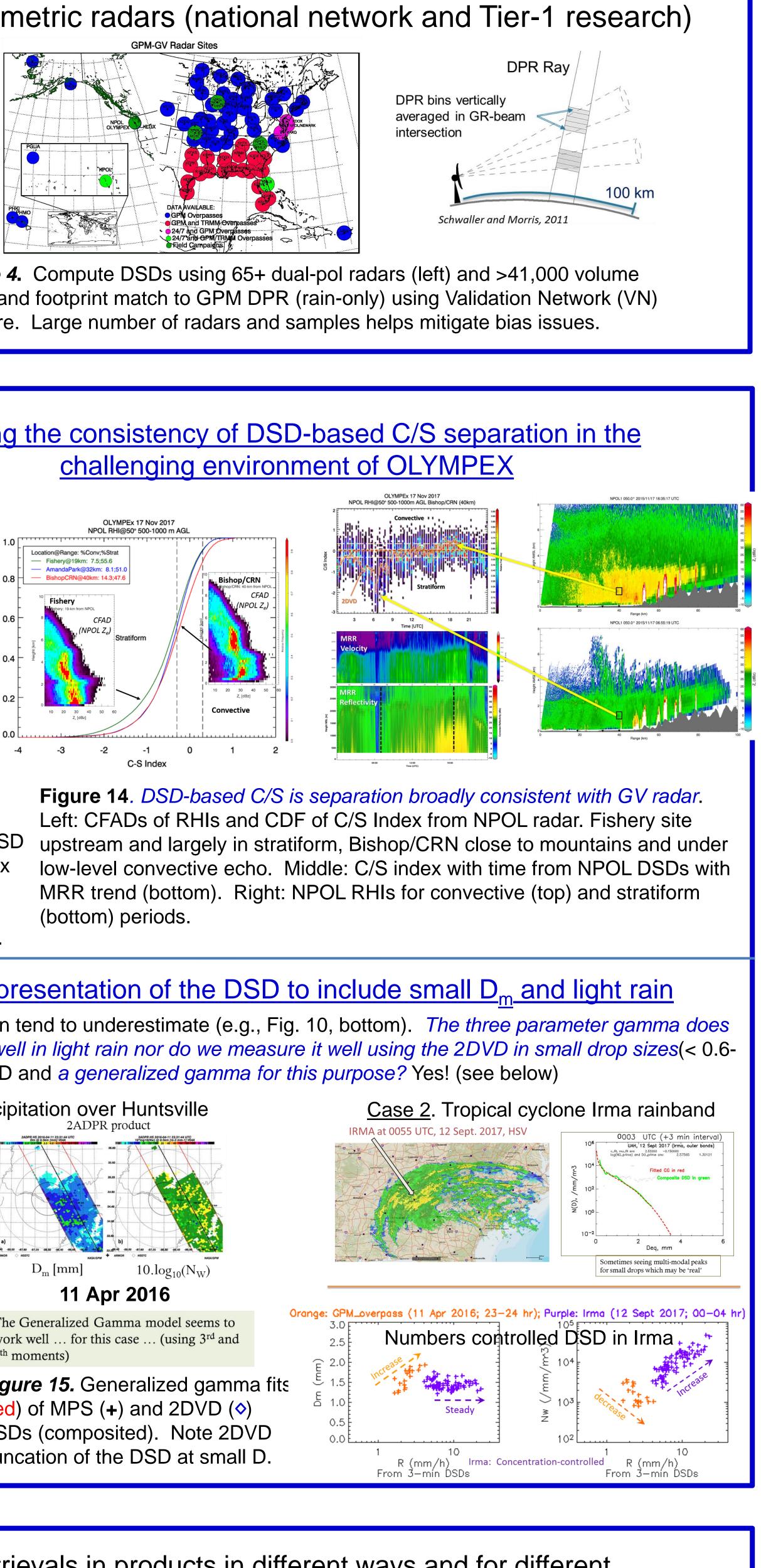
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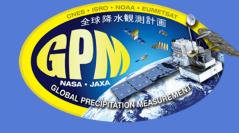
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