

Data Assimilation and Scattering WG																		
Co-Chairs		Ben Johnson, Philippe Chambon, Alan Geer, Ian Kennedy																
Action Id	Item	Summary	Lead	What to Do	Expected Completion	Actual Completion	Status (open, in progress, closed)	Status as of December 2019										
A.DA-SWG.2018.1	Joint Workshop	Encourage joint ECMWF/JCSDA workshop for 2020, invite broader research community members (e.g., radar, retrieval, microphysics, nowcasting).	Ben Johnson	Coordinate with JCSDA/Tom Augline and ECMWF/Steve English	2019-12-01	12-1-2019	Closed	The ECMWF-JCSDA-EUMETSAT NWP-SAF 4th workshop on assimilating satellite cloud and precipitation observations for NWP will be held in Reading in February 2020										
A.DA-SWG.2018.2	Microphysical Assumptions	Investigate ways of addressing the variability in microphysical assumptions. Facilitate the use of a variety of scattering tables to determine the uncertainty in RT	WG Co-Chairs	Coordinate with CRTM and RTTOV developers	2020-03-31		Open	This should be included as a discussion item for the radiative transfer working group of the joint assimilation workshop. Also RTTOV v13 will be released with a generalised hydrometeor approach, so users can have as many hydrometeor types as they like (each with different microphysics assumptions)										
A.DA-SWG.2018.3	Subject Matter Experts	Need broader interaction with microphysical SME's	WG Co-Chairs and IPWG-10 Organizing Committee	Invite specific microphysical experts to attend IPWG with explicit intent of helping to quantify and understand cloud microphysical properties of relevance to scattering and DA applications.	3-1-2020		Open	Discussions are ongoing within the Science committee of IPWG10-WSSM6										
A.DA-SWG.2018.4	IPWG interactions with DA Community and other CGMS/ISWG's	<ul style="list-style-type: none"> - ICWG: B. Johnson - ITWGI/ITSC: A. Geer, B. Johnson - IWVG: (nobody needed?) - ISWG (subgroup of ITWG): Ben Ruston - IRDWG: Joe Turk (?) Liaisons to attend other DA-specific meetings to represent IPWG (self-organized)	See column C	Encourage interaction with IPWG within the DA community and at community meetings through designated liaisons at each ISWG meeting.			Open	After discussions on interactions with other IPWG at the ITSC-22, one suggestion made, turned as a recommendation of the TOVS WG is "Recommendation IFS22-RT3 to ITWG Co-Chairs: ITWG co-chairs to share actions and recommendations from ITWG with co-chairs of other groups, and to consider the actions and recommendations from all groups prior to CGMS and identify actions and recommendations that are common to more										
A.DA-SWG.2018.5	Scattering Tables	Create a white paper on scattering table standardization.	Ryan Honeyager	Create a white paper on scattering table standardization.			Open	A core team made of Ryan Honeyager, Stefan Kneifel, Ian Adams, Patrick Eriksson, Annakaisa von Lerber, Davide On and Jani Tynnela is working on it. Drafting the text of the white paper will start in January 2020, and it should be ready by IPWG10-WSSM6.										
A.DA-SWG.2018.6	Renaming WG	Convert Scattering WG to Scattering Radiative Transfer WG. This would then encompass not just the generation of scattering properties but also the use in RT	Philippe Chambon and Viviana Maggioni				Open	This will be discussed within the science committee of the IPWG10-WSSM6 together with the leaders of both working groups early 2020.										