

SMAP Science Team Meeting #9
 January 31 to February 2, 2017
 Building 300 Room 316, JPL, Pasadena, CA

Beg.	End	Δt	Subject	Presenter
Tuesday January 31, 2017				
			Introduction	
9:00	9:10	0:10	Meeting Objectives	D. Entekhabi & S. Yueh
9:10	9:20	0:10	SMAP Science Program	Jared Entin
			Mission Status	
9:20	9:35	0:15	Observatory and Project Updates	Han You
9:35	9:50	0:15	Flight Operations Status	Adam Freeman
9:50	10:00	0:10	Science Data Systems Status	Maher Hanna
10:00	10:10	0:10	NSIDC DAAC Status and Statistics	Amanda Leon
10:10	10:20	0:10	ASF DAAC Status and Sentinel-1A/B	Scott Arko
10:20	10:40	0:20	Morning Break	
			Radiometer Calibration	
10:40	11:00	0:20	Radiometer Calibration Overview	S. Misra
11:00	11:15	0:15	Cold Sky Data Analysis	E. Dinnat & D. LeVine
11:15	11:25	0:10	Calibration Drift and Subband Calibration	Jinzheng Peng
11:25	11:40	0:15	SMAP comparisons with SMOS	R. Bindlish & F. Cabot
11:40	12:00	0:20	RFI Algorithm Performance and Parameters	J. Johnson & P. Mohammed
12:00	13:00	1:00	Lunch	
			Enhanced Radiometer Product	
13:00	13:10	0:10	Implementation Updates	Julian Chaubell
13:10	13:20	0:10	Calibration and Evaluation	Jeff Piepmeier
13:20	13:30	0:10	Discussion	All

			Multimission Data Acquisition	
13:30	13:40	0:10	Sentinel-1 Data Acquisition and SDS Processing	Scott Dunbar
13:40	13:55	0:15	Sentinel-1 L1_S0 1 km Status	Sab Kim
13:55	14:00	0:05	Update on Sentinel 1A and 1B Data Modes	Tung-Han You
14:00	14:05	0:05	Discussion	
			L2_SM_P_E Passive Soil Moisture Product	
14:05	14:25	0:20	L2_SM_P_E Baseline and Options (AM and PM)	Steven Chan
14:25	14:35	0:10	Core Cal/Val Site Data Comparison	Andreas Colliander
14:35	14:45	0:10	Sparse Network	Wade Crow
14:45	14:55	0:10	Hyperresolution Models	E. Wood
14:55	15:15	0:20	Afternoon Break	
			L2_SM_P_E Passive Soil Moisture Product (Continued)	
15:15	15:25	0:10	Comparison with SMOS	Yann Kerr
15:25	15:40	0:15	Calibration and Update of Parameters	Steven Chan
			Extended Mission Focus on More Dense Vegetation	
15:40	15:50	0:10	Introduction: Forward Model Revisions and Retrieval	Dara Entekhabi
15:50	16:05	0:15	Dual Channel Algorithm and Extensions	Steven Chan
16:05	16:15	0:10	Multi-Temporal Approach	Dara Entekhabi
16:15	16:30	0:15	Discussion	
16:30			Adjourn	
Wednesday February 1, 2017				
			Calibration and Validation	
9:00	9:15	0:15	Cal/Val Core and Supplementary sites status	Andreas Colliander
9:15	9:35	0:20	SMAPVEX16 Data Status and Results	Tom Jackson
9:35	9:50	0:15	SMAPVEX19/21 Plans	Tom Jackson
9:50	10:10	0:20	SMAPEx Experiments	Jeff Walker
10:10	10:25	0:15	Discussion	Tom Jackson
10:25	10:45	0:20	Morning Break	
			L2_SM_SP SMAP-Sentinel Soil Moisture Product	
10:45	11:05	0:20	ESA Sentinel-1 Soil Moisture Product	Francesco Mattia

11:05	11:30	0:25	SMAP-Sentinel Algorithm and Parameters	Narendra Das
11:30	11:45	0:15	Core Cal/Val Site Data Comparison	Andreas Colliander
11:45	12:00	0:15	Sparse Network	Wade Crow
12:00	13:00	1:00	Lunch	
			L3_FT_P Freeze/Thaw Moisture Product	
13:00	13:25	0:25	L3_FT Radiometer	C. Derksen & X. Xu
13:25	13:40	0:15	Core cal/val Site Data Comparison	Andreas Colliander
			L4_SM Product	
13:40	14:05	0:25	L4_SM Results	Rolf Reichle
14:05	14:20	0:15	Core cal/val Site Data Comparison	Andreas Colliander
			L4_C Product	
14:20	14:45	0:25	L4_C Results	John Kimball
14:45	15:00	0:15	Core cal/val Site Data Comparison	L. Jones & J. Kimball
15:00	15:20	0:20	Afternoon Break	
			Science Presentations	
15:20	15:35	0:15	Monitoring global surface water inundation dynamics using SMAP L-band observations	John Kimball
15:35	15:50	0:15	Local vs. remote impacts of soil moisture on continental air temperature forecasts	Randy Koster
15:50	16:05	0:15	Downscaling using PALSAR-2	Mahta Moghaddam
16:05	16:20	0:15	GNSS-R studies with the SMAP radar receiver	Joel Johnson
16:20	16:35	0:15	Faraday rotation correction	David Levine
16:35			Adjourn	
19:00			Social Dinner	
Thursday February 2, 2017				
			Science Presentations	
9:00	9:15	0:15	SMAP observations of ocean surfaces	Simon Yueh
9:15	9:30	0:15	Vegetation Dynamics	Dara Entekhabi

9:30	9:45	0:15	Science Presentation #8	
			Senior Review	
9:45	10:00	0:15	Plans and Time-Line	Simon Yueh
10:00	10:20	0:20	Science Merit Section	Dara Entekhabi
10:20	10:40	0:20	Data Products Section	Scott Dunbar
10:40	11:00	0:20	Morning Break	
			Senior Review (Continued)	
11:00	11:20	0:20	Applied and Operational Uses Section	Peggy O'Neill
11:20	11:40	0:20	Technical Status Section	Chris Swan
11:40	12:00	0:20	Discussion	
12:00	13:00	1:00	Lunch	
			Applications	
13:00	13:20	0:20	Status of Case Studies	V. Escobar and J. Wu
13:20	13:25	0:05	Upcoming Workshops	V. Escobar and J. Wu
13:25	13:40	0:15	Phase E Goals, Status; Tutorials	Susan Moran
13:40	13:45	0:05	SMAP at NDMC	Narendra Das
13:45	14:00	0:15	Discussion	
			Education and Public Outreach	
14:00	14:15	0:15	Outreach and GLOBE	Campbell, Podest & Das
			Summary	
14:15	14:20	0:05	Upcoming Meetings and Calendar	Dara Entekhabi
14:20	14:30	0:10	Action Items	Dara Entekhabi
14:30			Adjourn	