

2nd Canadian SMAP Workshop

Canadian Meteorological Centre
2121 Trans-Canada, Dorval, QC, Canada
16-17 November 2010

TUESDAY 16 NOVEMBER 2010

08H30-09H30: arrival of all the participants.

Part I: GENERAL

09H30-09H40: Welcome remarks (S. Belair, EC/MRD)

09H40-10H00: Update on the SMAP mission (P. O'Neill, NASA/GSFC)

10H00-10H30: The Canadian Plan for SMAP (S. Belair, EC/MRD)

10H30-10H45: Implementation and support of the Canadian Plan (M. Bergeron, CSA)

10H45-11H00: *COFFEE BREAK*

Part II: SOIL MOISTURE PROGRAM

a) Core sites for soil moisture cal-val

11H00-11H15: The Guelph networks (A. Berg, Guelph University)

11H15-11H30: The EC networks (B. Toth, EC/HAL)

11H30-11H45: The BERMS site (A. Walker or A. Barr, EC/CRD)

11H45-12H00: AAFC's Red River test bed (H. McNairn, AAFC)

12H00-12H20: Discussion on core cal-val sites (all)

12H20-13H30: *LUNCH (catered)*

b) Field experiments

13H30-13H45: The CanEx-SM10 field campaign (R. Magagi, Sherbrooke)

13H45-14H30: Discussion on data analysis and on a post-launch field campaign (all)

c) Retrievals and data assimilation

14H30-15H00: AAFC's research plan for soil moisture retrieval (H. McNairn, AAFC)

15H00-15H20: *COFFEE BREAK*

15H20-15H50: Sherbrooke's research plan for soil moisture retrieval (R. Magagi, Sherbrooke)

15H50-16H20: Soil moisture data assimilation in CaLDAS (M. Carrera, EC/MRD)

16H20-17H00: Discussion on retrieval/data assimilation and wrap-up of first day.

WEDNESDAY 17 NOVEMBER 2010

08H30-09H30: arrival of all the participants.

Part III: FREEZE/THAW and CARBON PROGRAM

a) Core sites for F/T and carbon cal-val

09h30-09H50: SMAP freeze/thaw and carbon program (K. McDonald, JPL)

09H50-10H20: Overview of Churchill site and research at Waterloo (C. Duguay, Waterloo)

10H20-10H40: On the possible use of Fluxnet-Canada for F/T and carbon cal-val (J. Chen, U. Toronto or A. Barr, EC/CRD)

10H40-11H00: COFFEE BREAK

b) Field experiments

11H00-11H30: The CanEx-FT11 field experiment (M. Bernier, INRS-ETE)

11H30-12H00: General discussion on FT and carbon cal-val (sites and experiments) (all)

12H00-13H00: LUNCH

c) Carbon and ecosystem modeling / assimilation

13H00-13H30: Terrestrial ecosystem and carbon modeling at the University of Toronto (J. Chen, U. of Toronto)

13H30-14H00: Terrestrial ecosystem modeling and assimilation at EC/CRD (D. Chan, EC/CRD)

14H00-14H15: An integrated system for soil moisture, FT, and vegetation assimilation, together with carbon modeling (S. Belair, EC/MRD)

14H15-14H45: Overall discussion on FT and carbon retrieval, modeling, and assimilation (all)

14H45-15H00: *COFFEE BREAK*

Part IV: OTHER ASPECTS and WRAP-UP

15H00-15H20: Impact studies and Canadian products (M. Carrera / S. Belair, EC/MRD)

15H20-16H00: Wrap-up and general discussion on remaining aspects of the project (timeline, budget, team)

END of WORKSHOP