

August 20, 2019

ABoVE Carbon Synthesis Workshop

September 26-27, 2019

NASA Goddard Space Flight Center, B33, A128

Purpose:

Over the course of two days, we will bring together ABoVE Science Team members (from both Carbon Dynamics and Modeling WGs) to reconcile the various modeling activities that are ongoing and take stock of current C balance over the ABoVE domain. We will tackle overarching issues like: (a) changes in seasonal amplitude of CO₂ concentrations, (b) CH₄ data/knowledge gaps, (c) aquatic carbon fluxes, (d) partitioning net ecosystem exchange components, and (e) reconciling top-down and bottom-up estimates of C-budget over the ABoVE and pan-Arctic domain. The ultimate goal will be to scope out and write synthesis papers that capture our current knowledge on each of these topics, identify data and modeling gaps, and prepare us for future field/airborne campaigns. This set of syntheses papers will build upon past studies (Fisher *et al.* 2014, Biogeosciences) to update our understanding and estimates of the Northern high-latitude carbon budget and lay out a framework for regular future updates.

Invitees:

In-Person	Remote
Abhishek Chatterjee	Josh Fisher
Peter Griffith	Lei Hu
Benjamin Poulter	Brendan Rogers
Charles Miller	Scott Goetz
Nicholas Parazoo	
Colm Sweeney	
Jennifer Watts	
Mary Farina	
Sarah Ludwig	
John Kimball	
Róisín Commane	

Badging:

If you plan to attend on-site, please contact Abhishek Chatterjee (abhishek.chatterjee@nasa.gov) and Jessica Bussard (jessica.bussard@nasa.gov). U.S. Citizen/LPR deadline: **September 23rd**, Foreign National Deadline: **September 12th**.

Telecon Setup:

Remote participation is available.

Contact:

Abhishek Chatterjee (abhishek.chatterjee@nasa.gov) or Peter Griffith (peter.c.griffith@nasa.gov)