

PROPOSAL FOR FLUXNET SYNTHESIS PUBLICATION



Initial

coordinators::

KJ Davis, KJ Naithani

Collaborators

needing access

to data:

EAH Smithwick, A MacEachren, R Cook

Affiliations:

The Pennsylvania State University; ORNL

DATASET PROPOSED

LaThuile

TITLE OF PROPOSAL AND OUTLINE

TITLE

Model Intercomparison and Synthesis for Evaluation of Terrestrial Carbon (C)
Upscaling Algorithms and Geovisualization of C fluxes and Associated Uncertainty

DESCRIPTION

The overarching goals of this model intercomparison and synthesis activity are to (1) compare the performance of multiple upscaling algorithms in a hierarchical Bayesian framework, (2) evaluate the spatial (number of towers) and the temporal (data length) extent of data on parameter mean and uncertainty, and (3) quantify and explore the spatio-temporal dynamics of the global C fluxes and uncertainty.

PROPOSED SITES TO BE INVOLVED

All sites

PROPOSED RULES FOR CO-AUTHORSHIP

We will closely follow the LaThuile data-policy.

NB: CVs are attached