

Nonautonomous Systems and Terrestrial Carbon Cycle

Agenda (tentative and flexible)

For the second meeting of working group

March 17-21, 2014

NIMBioS

Knoxville, Tennessee

Participants:

Folashade Augusto
Benito Chen
Alan Hastings
Forrest Hoffman
Jiang Jiang (NIMBioS post-doc)
Maria Leite
Yiqi Luo
Martin Rasmussen
Matthew Smith
Ying Ping Wang
Kathe Todd-Brown
Ying Wang

March 16, Sunday, Arrival at Knoxville

March 17, Monday

The major objective in day 1 is to evaluate the progress made by the group since the first meeting and to redefine the goals of this working group in this week and coming year and strategies to achieve them

Starting at 9am

Alan, Jiang, Kathe, and Ying each makes a presentation to (1) introduce expertise that is most relevant to this topic; (2) describe your expectation of outcome(s) of this working group

Progress report (e.g., work done; difficulties encountered; new questions that arose; potential new strategies/approaches; etc)

Ying Ping, Nonlinear behavior of microbial models of soil carbon decomposition

Martin, Mathematical properties of nonautonomous system of the terrestrial carbon cycle

Matthew, parameter space of carbon cycle models

Ying and Yiqi (Ying will present): ideas explored on parameter space of carbon cycle models

Kathe: Parameters that explain variations in CMIP5 results

Who else?

Afternoon, we will have group discussion on redefining/adapting goals and strategies/approaches.

Mathematical representation of microbial role in decomposition of organic matter in terrestrial ecosystems (Ying Ping leads the discussion)

Parameter space of terrestrial carbon cycle models (Matthew/Yiqi leads the discussion)

Other topics?

At 5:00ish: summarizing what we have discussed and identifying the issues that this group will continue to work on and the new issues that the group will begin to tackle during this meeting and coming months.

March 18, Tuesday

The major objective in day 2 is to clearly identify the work this group is to do during the rest of this meeting and future. The group begins to carry out some specific tasks.

Starting 9:00 am

Revisit the goals and tasks we identified in the previous day. We will decide specific agenda for this meeting.

We may divide this group into two or three subgroups to carry out the tasks we decided to do.

March 19, Wednesday

Continue the work or adjust specific agenda by then

Afternoon: Fun activities (bike riding, sightseeing at Smoky Mountains or other scenery places, or others).

March 20, Thursday

Morning

Keep working on the thing have decided to do by then.

Afternoon

Synthesize work done and discuss product(s) can be delivered by the group.

March 21, Friday

Morning

Keep working on the product(s)

Afternoon

Discuss/plan future activity.

3:00pm adjourn