

NIMBioS: Molecules to Organisms and Organisms to Ecosystems Working Groups

November 16-19, 2015: Agenda

November 16:

8-9 am breakfast

9:am - 9:20am - Welcome to NIMBioS

9:20-10 - Set out goals for overall program (Valery)

10-10:15 - Specific goals for molecules-to-organisms (Cheryl)

10:15-10:30 - Specific goals for organisms-to-ecosystems (Chris)

10:30-10:45 - Challenges & opportunities to ensure effective integration between groups (Roger)

10:45-11 - Coffee Break

11 - 12 - Each participant describes their expertise, what they bring to the table, and what they see as the biggest challenge in reaching our goals

12 - 1 - Lunch

Afternoon Break into Working groups

1-4:30 - Discuss selection of model organisms (pros/cons); if time allows begin discussion of the conceptual models

4:30-5 - Reconvene both groups to share progress

5-6 - Welcome reception

November 17:

8-9 am Breakfast

9-12 Work on conceptual model in separate groups

12-12:30 - Groups share progress

12:30-1:30 Lunch

1:30 - 4:30 Continue work on conceptual model and data collection as needed

4:30 - 5:30 Reconvene both groups to share progress, roadblocks, data gaps

November 18:

8-9 am Breakfast

9-10:30 am - Introduction to the modeling toolbox (series of short presentations to get everyone up to speed on the modeling approaches likely to be useful for this)

10:30 - 10:45 Coffee Break

10:45 - 11:45 - In separate groups brainstorm on the models to be used and how they will be linked

11:45 -1:30 Pickup boxed lunch and walk to Knoxville Visitor Center for free music as part of

the Blue Plate Special (Featured band is Chamomile and Whiskey)

1:30-5 - Begin to translate conceptual models into mathematical terms

5-5:30 - Reconvene both groups to share progress, problems, needs

November 19:

8-9 am Breakfast

9-12 - Groups meet separately to revisit & refine conceptual and mathematical models (possibly in sub-groups)

12-1 - Lunch

1-3 - Each group meets separately to discuss next steps & assign homework between meetings

3-4 - Groups reconvene to swap notes on accomplishments and plans

4-6 - WG social (informal)

November 20 - Depart.