Metabolism workshop – summary of accomplishments
25-27 May 2009

Participants:
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This working group is exploring the drivers of spatial and temporal variation in lake metabolism, using data from more than 20 lakes worldwide. We met in Madison in May 2009 to discuss hypotheses, work through data QA issues, and do some modeling of the data. Accomplishments during this meeting included:

- Reviewing and refining goals/questions/hypotheses
- Providing a brief tutorial about the metabolism model (including both the mechanics of how to run it and the concepts and assumptions that underlie it) for those in the group who were less familiar with the model
- Running the model and examining/critiquing results for test data sets from several lakes
- Developing an acceptable approach for calculating mixed layer depth (an input to the model) from high-frequency temperature profile data
- Discussing the QA issues that we have encountered so far, agreeing on guidelines for remaining QA, and assigning responsibilities for completing QA
- Summarizing descriptive data about available lakes (latitude, mean depth, etc) to help generate hypotheses
- Reviewing status of requests for core data and identifying follow-up that needs to happen to finish getting data from several sites
- Developing draft list of supplementary/explanatory data to request
- Reviewing authorship issues
- Agreeing to organize a special session at ASLO/NABS 2010 meeting re: lake and stream metabolism
- Identifying next steps (incl deadlines and person responsible)