

Dear workshop participant,

We would like all participants in the RTM workshop to have their viewpoints and research represented. The objectives of the workshop are to (1) identify the frontiers of reactive transport in the biogeochemical sciences, and (2) determine what educational and infrastructure development is required to achieve these goals. We have selected all of the workshop participants because we believe that you have experiences and research topics that provide an important perspective in discussions toward these two objectives. In order to ensure that we represent the diverse background and research of the biogeochemical sciences we ask each participant to prepare a one-page white paper (including a key figure if possible) and a corresponding powerpoint slide (just one) outlining an idea in at least one of three key areas:

*Technical developments:*

1. What are key outstanding hypotheses in biogeochemical sciences that could be addressed with current capabilities?
2. What are additional modeling capabilities that would expand the scope of scientific hypotheses that can be addressed?

*Education and resources supporting reactive transport models:*

3. What educational tools are critically needed but are not available, and how should these be developed?

We encourage you to pick the topic that most interests you or is closest to your research area and not necessarily one that already includes a modeling component.

We will use the contributed white papers to develop focused discussion topics for breakout groups. In order to incorporate your ideas into the schedule, please submit your white papers prior to April 4, 2014 by emailing them to [asitchle@mines.edu](mailto:asitchle@mines.edu). During the workshop each participant will be given one 5-minute popup talk to present the idea outlined in his or her white paper (one-slide).

If you have any questions about the format or content of these white papers please feel free to contact one of the workshop organizers.