Workshop Announcement

CTSP: Coupling of Tectonic and Surface Processes

(April 25th to 27th 2018, Boulder, Colorado).

A workshop focused on Coupling of Tectonic and Surface Processes (CTSP) will be held from April 25-27, 2018 and is intended to survey both questions and state of the art numerical techniques that simulate surface processes and long term tectonic (LTT) processes in an attempt to define a framework for the development of efficient numerical algorithms that couple across multiple length and time scales. This workshop will provide a unique opportunity for researchers to develop collaborations and proposal ideas and by doing so enhance and increase the impact of both the LTT and CSDMS communities. We expect a broad and diverse audience drawn from domestic and international research communities, including graduate students, post-docs, and early career scientists, who are interested in coupling landscape evolution to tectonic processes.

The workshop will occur over 2 ½ days at the University of Colorado (Boulder) and will soon be open for applications. The first two days will be dedicated to a survey of existing questions and numerical techniques and challenges through a combination of breakout discussions and presentations by leading experts in the field. The last ½ day will be dedicated to developing a white paper that outlines different mechanisms through which the LTT and surface processes communities can collaborate to tackle the science questions and the numerical challenges defined over the first two days. The hope is that such a white paper will serve to set the stage for new educational and method development efforts, including the submission of a NSF Research Collaboration Network proposal.

Organizing committee: Mark Behn (WHOI), Luc Lavier (UT DGS/IG), Thorsten Becker (UT DGS/IG), Phaedra Upton (GNS New Zealand), Eric Mittelstaedt (U. Idaho), Catherine Cooper (Wash. State Univ.), Greg Tucker (U. Colorado, Boulder), Louise Kellogg (UC Davis), Nicole Gasparini (Tulane Univ.), Boris Kaus (U. Mainz).

Funding: The CSTP is funded by the National foundation through the Earth Sciences division. There is no registration fee. We will be able to cover most on-site expenses (venue costs, hotel expenses based on double occupancy, and breakfast & lunch) for approximately 70 participants. Most participants will have their travel to and from the meeting covered. We will not be able to provide dinners on-site, but there are several restaurants nearby. Confirmed participants whose on-site expenses are covered are expected to arrive on Tuesday evening and leave on Friday morning.

Important dates:

Late November: CSDMS website, announcement to follow
January 15th: Application deadline
Feb 1: Successful applicants are invited to confirm participation
Feb 15: Deadline for confirmation of attendance
Late March: Final meeting agenda is released