

## **Tidal Marsh Seminar: Climate Change**

**23-Oct-12**

### **Discussion Questions**

1. Do you think marshes achieve equilibrium early on and maintain it, or, is it mostly a temporary situation that essentially becomes nonexistent with substantial transgressions or regressions?
2. What are some strategies for increasing sediment input to deficient salt marshes in a way that limits negative impacts upstream (e.g. erosion)?
3. When you return to your field sites after time away, have you noticed any subtle or abrupt changes in the marsh that you might attribute to SLR?
4. Changes to the climate are happening faster than originally predicted. Given the extensive list (p. 224) of research still needed to study the effects of elevated atmospheric CO<sub>2</sub> on salt marsh ecosystems, which research areas do you think are most critical at this time and why?
5. What are some policies and economic incentives that you think would be the most successful in encouraging the conservation, restoration, and/or sustainable management of Blue Carbon ecosystems like salt marshes?