

**Monthly Report: March 2014**

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**To:**

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US Army Corps of Engineers  
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30 April 2014

**By:**

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Bill and Mackie:

Please see the bulleted list below for the major actions and accomplishments associate with Cooperative Agreement Number W912HZ-14-2-0002 for the month of April, 2014. Please let me know if you would like me to elaborate on the details of any items I've listed below, or if there are any other items that interest you.

Sincerely,

Jamie

- Deployed water monitoring stations and barometric pressure sensors (to correct stage data). April 3<sup>rd</sup> or 4<sup>th</sup> should be the start date of quality data.
  - Removed all historic (Kitchens) monitoring wells.
  - Will perform the first data download in May.
- Collected the first marsh vegetation sample on April 4<sup>th</sup> and 5<sup>th</sup>.
  - Samples (n=108) were sorted (by species) in Georgetown, immediately put into drying ovens and dried to a constant weight, and weighed for dry biomass.
  - Data are not yet available in spreadsheet format.
- Gave an invited talk at the American Planning Association national conference in Atlanta, Georgia. A suggested citation follows:
  - Duberstein JA, Hayes C (2014) Savannah Harbor Expansion Project impacts to salinity and vegetation. Invited speaker for the symposium Competitive Port Geography in Savannah. American Planning Association national conference. 27 April. Atlanta, GA. 15 mins.
- Selected an applicant for the temporary technician position associated with this grant. John (Josh) Salter from Valdosta, Georgia will begin work on May 8<sup>th</sup>.
- An order has been put forward, and is being filled, for the 16' John boat associated with this grant.
  - Estimated delivery is June 8<sup>th</sup>, a few days prior to the June marsh sample.
- A purchase order has been issued, and scheduling has begun, for the acquisition of the remote sensing GIS imagery. Collection of the imagery is set to begin June 2014, and requires <5% cloud cover. We will be notified when collection has been completed.