**Water Temperature Workshop**

**Friday, January 10th 8:30 am-4:00 pm**

**Mitchell Center, University of Maine, Orono**

**Assigned Tasks:**

* Ben and Jed will send out email outlining minimum criteria for existing datasets and data transfer method for use in Downeast Pilot
* Jed is looking for contacts so that we can solicit info from these additional organizations:
  + Department of Conservation – State Park Rangers/Baxter
  + Wymans and Cherryfield – Air temps? – may affect historic records
  + Maine Drinking Water Program
  + Poland Spring
  + St. Croix International Waterway Commission
  + Ski Areas
  + Eastport – Boyton Stream
  + Municipalities.
  + NRCS
  + Cooperative Extension
  + Soil and Water Conservation Districts
  + Land Trust Conference
  + Maine Water Conference
  + Lotic and FB Environmental Consultants
  + Lake Environmental – 12 Lakes in Western Maine.
  + Casco Bay Estuary Project
  + Karen Wilson
  + Park Service
  + Jordan Pond
  + Holly Ewing – Bates Lake Auburn
  + Colby – Great Pond
  + Sebago Portland Water District.
  + Hydro Operators
  + Wildlife Refuges
  + TU
  + MDIFW Hatcheries
  + Universities and Colleges
* Angie will investigate EPA funding through Exchange Network
* Linda will talk to Volunteer Lake Monitoring Program
* Jed will revisit Objectives discussion
* Group will provide feedback to Ben on website [http://felek.cns.umass.edu:8080/geoserver/www/data.html#](http://felek.cns.umass.edu:8080/geoserver/www/data.html)
* Sean will check on potential Mitchell Center role
* Thomas will check on DEP database role with agency wide Oracle/SDE
* Need a volunteer to check with GMRI on hosting datasets
* Angie will coordinate poster for Maine Water Conference

Sub-Groups

**1) Existing Data (Richard, Merry, Tom, and Jed)**

- Review list of other potential data sources and contact to determine if datasets should be acquired).

- Determine if we need a more comprehensive inventory of project metadata and attributes (e.g., who, what, where, when) for current and past stream and lake temperature monitoring efforts.

**2) Sampling Data/Spatial Distribution - Fred, Richard, Merry, and Tom**

- Develop goals and objectives of the proposed regional network for monitoring stream and lake water temperature.

- Identify a network of 'reference sites', intended to be maintained in "perpetuity", that will serve as the network's core observational framework and to which shorter duration observations from other sites can be linked and 'anchored'.

- Identify potential focus areas of special interest.

**3) Data Management and Sharing – Jed, Tara, Angie, Linda, and Sean**

- Identify who else from an IT perspective should be on this group

- Get input from Dan on his data management architecture

- Identify potential hubs for Maine data

- Begin identifying users, needs, fields, etc.

**4) Field Protocols – Dan, Linda, Fred, Jed**

Review Dan’s document (http://www.fs.fed.us/rm/pubs/rmrs\_gtr314.pdf) and providing any revisions/recommendations.

**5) Outreach – Mao/Atlantic salmon recovery website**

**6) Funding - It would be great to have a report back from Angie and others on potential funding sources.**