



## LiLaC: Library-Laboratory Collaboration for Research Data\*

### Project 2: Data Archiving and Delivery in Support of the Agricultural Ecosystems Program: Understanding Sources and Sinks of Nutrients and Sediment in the Upper Susquehanna River Basin

**GOAL:** The AEP Upper Susquehanna River Basin project should serve as a source of valuable data and insight for people in county, state, and the Federal government, NGOs, and the public to improve water quality in the Upper Susquehanna Basin and the Chesapeake Bay.

Specific Objective: Provide an easy way for the public to learn about the scientific goals and results of the AEP Upper Susquehanna River Basin project.

Approach:

- Create a public research **portal**, with background information, research plans, results, and data.
- Document data sets using Ecological **Metadata** Language (EML).
- Deposit and preserve data sets in Cornell's digital repository, **DSpace**.

**GOAL:** The AEP Upper Susquehanna River Basin project should serve as a catalyst for innovative cross-disciplinary research at Cornell that will produce better scientific understanding of nitrogen, phosphorus, and sediment cycling in the Upper Susquehanna basin and the Chesapeake Bay.

Specific Objective: Provide an easy way for researchers to know what other project participants have already done, are doing, and are planning to do (who, what, when, where, why).

Approach: Create a **wiki**, with access restricted to project participants. The wiki can be used to share datasets, preliminary results, and any other information about the project as it progresses, before such information is made publicly available.

Preview the portal:

<http://usaep.mannlib.cornell.edu/>

Learn more about Ecological Metadata Language:

<http://knb.ecoinformatics.org/software/eml/>

Visit Cornell's DSpace:

<http://dspace.library.cornell.edu/>

Log on to the wiki:

<http://wiki.library.cornell.edu/wiki/display/ageco/>

*Log in using your netID or the first part of your email address, and "temp" as your password. Change your password by going to Profile and Change Password.*

**Send question, suggestions and feedback:**

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Information we need from **you**:

Affiliation with research area(s):

- agricultural biogeochemistry
- atmospheric deposition
- Integrated modeling
- N
- P
- sediment

Geographic area(s) where you are working:

- Harford Farm
- Connecticut Hill
- other (please specify)

Any web pages you would like to have your portal entry linked to a research page, description of your research interests on a department web site, etc.