

## **EB data access subcommittee recommendation:**

**Wording to be included in the IM review criteria and used by sites for preparation and by NSF during the site reviews.**

### Short term:

At each individual site (including LNO home page?):

1. Link to data directly from home page (link called 'data' and prominent on home page, i.e. one click)

On the data page

- Identify 'signature' datasets, that is, datasets that best represent the site's research goals
- Dataset search (by creator name, LTER core areas, keywords)
- Dataset browse by LTER core areas
- Prominent link to LNO Metacat
- Prominent link to network wide databases (ClimHydroDB, SiteDB, etc.)
- Prominent link to Eco-Trends data website

### Mid term:

2. Implement data download link in EML file to function from within LNO Metacat (site responsibility). (Once this download link is implemented by the site the LNO Metacat can be referred to as the place to find and download LTER data. Therefore, this approach is much preferable to the outlined short term solutions.)

**Projects that will improve discoverability of datasets but need resources at the site and LNO level. Should be set as a high priority.**

1. Develop data access tracking for LNO Metacat (LNO, NISAC approval)
2. Implement LTER controlled vocabulary
  - a. At the sites:
    - Use keywords from controlled vocabulary in EML files and key old EML files to this standard.
    - Use keywords as drill down mechanism in search application for datasets (currently being implemented for LNO Metacat)
  - b. Central (LNO) development (NISAC approval):
    - Develop hierarchical keyword 'taxonomy' from currently identified vocabulary to allow a drill down approach to searching.
    - Develop online application for submission, acceptance, and management of this controlled vocabulary
3. Implement LTER units dictionary
  - a. At the sites:
    - Use the units in EML files, fix units in old EML files.
  - b. Central (LNO) development (NISAC approval):

- Develop online application for submission, acceptance, and management of this units dictionary.