

# **Network Office Cooperative Agreement**

**Proposal due July 1  
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Covers 2003-2009**



# Network Office Task Areas

1. **Service to the LTER Community**
2. **Computational and Communication Infrastructure**
3. **Information Management & Methods Development**
4. **Synthesis**
5. **Network Development, Community Outreach, and Training**
6. **Publications & Public Outreach**
7. **Network information system design and development**
8. **International LTER**
9. **Education**



# Service to the LTER Community

- **Communication**
- **Proposal preparation**
- **Meeting coordination**
- **LTER representation**
- **Opportunity discovery**



# Computational and Communication Infrastructure

- **Maintenance of infrastructure for communication**
- **Infrastructure for long-term archival of network and site data**
- **Technical support and advice for sites**
- **Support of meeting activities**
- **Advice and support to other networks (OBFS)**



# Information Management & Methods Development

- **Ecological metadata standards development and implementation**
- **Personnel directory, all-site bibliography, and site description databases**
- **Research database design, implementation, and maintenance**



# Synthesis

- **Leadership (including proposal writing) of synthesis activities based on LTER data.**
- **Facilitation of annual science theme meetings and the development of the NIS.**
- **Leadership in developing one value-added database per year in association with the science theme meeting.**
- **Coordination of periodic All-Scientists Meetings**
- **Coordination and facilitation of LTER/ILTER working groups addressing cross-site comparison and synthesis.**



# Network Development, Community Outreach, and Training

- Partnership with NCEAS and SDSC to develop new informatics concepts and tools for ecologists
- Collaboration with a parallel KDI project at the University of Kansas that focuses on museums
- Development of a large Information Technology Research proposal (\$15 million)
- Collaboration with OBFS to establish coordinated databases and information management systems.
- Collaboration in the Partnership for Biodiversity Informatics to advances eco-informatics
- Development of a Research Collaboration Network to disseminate new informatics techniques to field stations
- Development of the Spatial Data Workbench (SDW)



# Publications & Public Outreach

- **Newsletter**
- **Brochures and in-house publications**
- **Web pages**
- **Video**
- **Technical editing for Oxford series**
- **Presentations at technical meetings**





# Network Information System Design and Development



# International LTER

- **NET is the primary force for development of the ILTER network.**
- **NET leads activities of the global network through the organization of annual meetings and the leadership of the ILTER CC**
- **NET administers supplemental funds and helps coordinate regional meetings for four of the seven regional networks. NET also develops and manages liaison groups of U.S. scientists**
- **NET represents ILTER in interactions with NSF and other agencies (e.g., Department of State). We write supplement proposals to NSF for ILTER activities and manage the funds.**
- **NET scientists train information managers for ILTER networks.**



# Education

