

LTER



*Long Term Ecological Research
Network Office*

Metadata Support

Inigo San Gil

Senior Applications Support Analyst

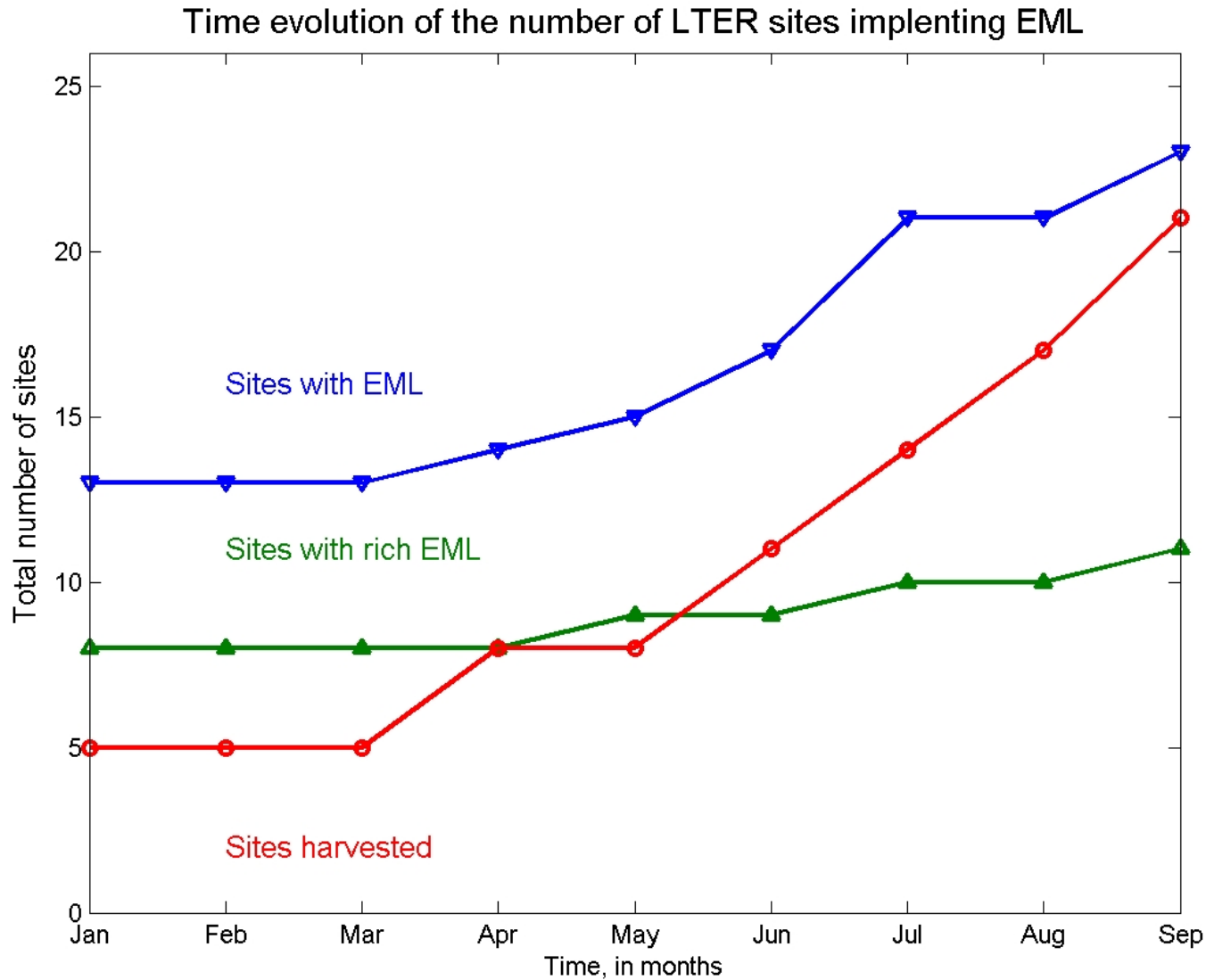
- Who – Inigo San Gil
- What – Metadata Standardization Project
 - National Biological Information Infrastructure (NBII)
 - LTER Network
- Where – LTER Network Office at the UNM
- When – January 2005 to December 2005 (renewal pending)
- Goals
 - Development of metadata standards within LTER to the Ecological Metadata Language (EML)
 - Access to LTER metadata in the NBII Clearinghouse
 - Development of metadata cross-walks
 - EML to Biological Data Profile
 - Biological Data Profile to EML



Metadata Standards

- **Ecological Metadata Language (EML)**
 - Based on XML schema
 - Structure and content standard
 - EML 2.0.1 today
 - Support for four modules
 - Dataset
 - Citation
 - Software
 - Protocol
- **Biological Data Profile**
 - Based in part on Federal Geographic Data Committee standard
 - Standards for Biological and Geospatial metadata

Accomplishments to Date



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- LTER site assists and/or visits
 - ARC, BES, BNZ, CAP, CDR, CWT, FCE, JRN, KNZ, LUQ, NTL, NWT, PIE, SBC, SEV, SGS and VCR
 - Assisted/developed conversion tools
- Transfer of over 3,000 LTER EML docs to NBII
- Improved EML to BDP crosswalk
- First draft of BDP to EML crosswalk

Future Goals

- **Completion of EML to BDP crosswalk**
- **Completion of BDP to EML crosswalk**
- **Crosswalk web-service interface**
- **Assist in LTER Metadata Management Model development**
- **Assist in LTER Custom Unit Development**
- **Organize metadata stakeholder's conference**
- **Develop metadata educational materials**