

The Marine Metadata Interoperability Project



<http://marinemetadata.org>

Aims of the MMI Project

- Engage and support marine metadata community
 - A rapidly growing group of participants, contributors, and users means we're on the right track
- Establish metadata information center
 - A place to start for marine metadata questions
 - We can't be totally expert, but we can know who is
- Contribute to community's technology needs
 - Tools; Standards; Ontologies; Protocols; Guides; Demonstrations; Examples from the field

Initial MMI Activities

- Set up community web site
- Hire MMI Liaison
 - Develop and maintain web site and other resources
 - Connect with and coordinate technical contributors
 - Add technical expertise (metadata and development)
- Establish decision-making processes (as needed)
- Set up Technical Team to seed and manage site
- Publicize our work

Community Web Site

- Site established at <http://marinemetadata.org>
- The work depends on community involvement
 - Site content is easily modified by registered users
 - Most simple actions are self-explanatory
- An extremely open and visible project

Site details:

- Based on plone Content Management System
- Hosted on Apple G5 Server (now at MBARI)
- Later tailoring of the look and feel is possible (and likely)

MMI Decision-Making

- Background
 - MMI has no special role or authority to do its work
 - The MMI is funded (lightly) only for a first year
- Goal: Efficient and inclusive decision-making
 - Steering Committee advises on broad direction
 - Executive Committee helps review details and ideas
 - Principal Investigator delegates tasks, “aids consensus”
- Community has large role in setting our direction
 - Participation needed from all sectors of community

Steering Committee Members

- John Graybeal, MBARI. PI. (ExecComm) graybeal@mbari.org
- Stephanie Watson, CeNCOOS. (ExecComm) swatson@mbari.org
- Philip Bogden, SURA/SCOOP. (ExecComm) bogden@gomoos.org
- Stephen Miller, Scripps. (ExecComm) spmiller@ucsd.edu
- Francisco Chavez, MBARI
- Robert Arko, LDEO
- Daphne Fautin, Univ of Kansas
- Julie Bosch, NOAA
- Dawn Wright, Oregon State Univ
- Bob Weller, WHOI
- Mark Musen, Stanford Univ
- Lola Olsen, NASA Goddard
- Roy Lowry, BODC
- Michael Parke, U Hawaii
- Steve Hankin, NOAA
- Steve Meacham, NSF (observing)

Technical Team

- Core contributors with site responsibility
 - Some are paid, some volunteer (some are on Steering Committee)
 - Contributors are located throughout the world
- Sub-teams will work on each area of site
 - Coordinate amongst selves, and with MMI Liaison
 - Monitor contributions from “public”
 - Maintain consistent look and feel overall
 - Further specializations are possible as site matures

Public Outreach

- Meetings
 - AGU
 - Will introduce MMI via an AGU presentation
 - Large Town Meeting will be held Wednesday
 - Other conferences throughout the year
- Email to distribution lists
- Links from other sites
 - May consider collaborations with some sites
- Documents and handouts will be developed

Longer-Term Activities

- Develop MMI Prototypes
 - Demonstrate usable results or systems
- Plan 2005 Marine Metadata meeting
- Consider Long-Term Governance Issues
 - Define a membership and decision-making structure
 - Goal is to to encourage continued project growth

Credits

- Initial funding provided by the National Science Foundation through grant ATM-044703.
- Major contributions are being provided by
 - SURA, the Southeastern Universities Research Association (<http://www.sura.org>), and
 - SCOOP, the SURA Southeastern Coastal Ocean Observing Program (<http://www.sura.org/coastal/main.html>)with funds provided by ONR, the Office of Naval Research (<http://www.onr.navy.mil>)
- And participation by you.

The Marine Metadata Interoperability Project



<http://marinemetadata.org>