

Third IGBP Congress “Connectivities in the Earth System”

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Session B2 – Oceanographic Data Management

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We are currently at an exciting stage in IGBP science, with JGOFS completing its work and SOLAS and OCEANS coming online to join GLOBEC and LOICZ as the projects in the marine arena. These projects are considering the vital issue of co-ordinated data management and it is therefore timely for a discussion on how this should be approached.

The workshop will provide:

- a critical examination of the data and metadata management practices, achievements and legacy of LOICZ, GLOBEC and JGOFS.
- a look at the data management element of the SOLAS implementation plan.
- a comparison between the data management approaches of JGOFS and WOCE and a comparison of the data legacies from these projects.
- a discussion on how to develop the data management strategy for major international oceanographic programmes, covering:
 - Data policy
 - Data and metadata management functional specification
 - Data and metadata management infrastructure models
 - Implementation issues, including resourcing
 - The roles of scientists and data managers and the relationship between them
 - Comparisons of the technologies used in JGOFS and WOCE compared with those that are available and/or under development now.
 - An exploration of proposed IGBP marine science to identify any areas that are not addressed by the scope of current oceanographic data management.