



The Ecosystem Indicators Partnership

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Fisheries and Oceans Canada
Maritimes Region



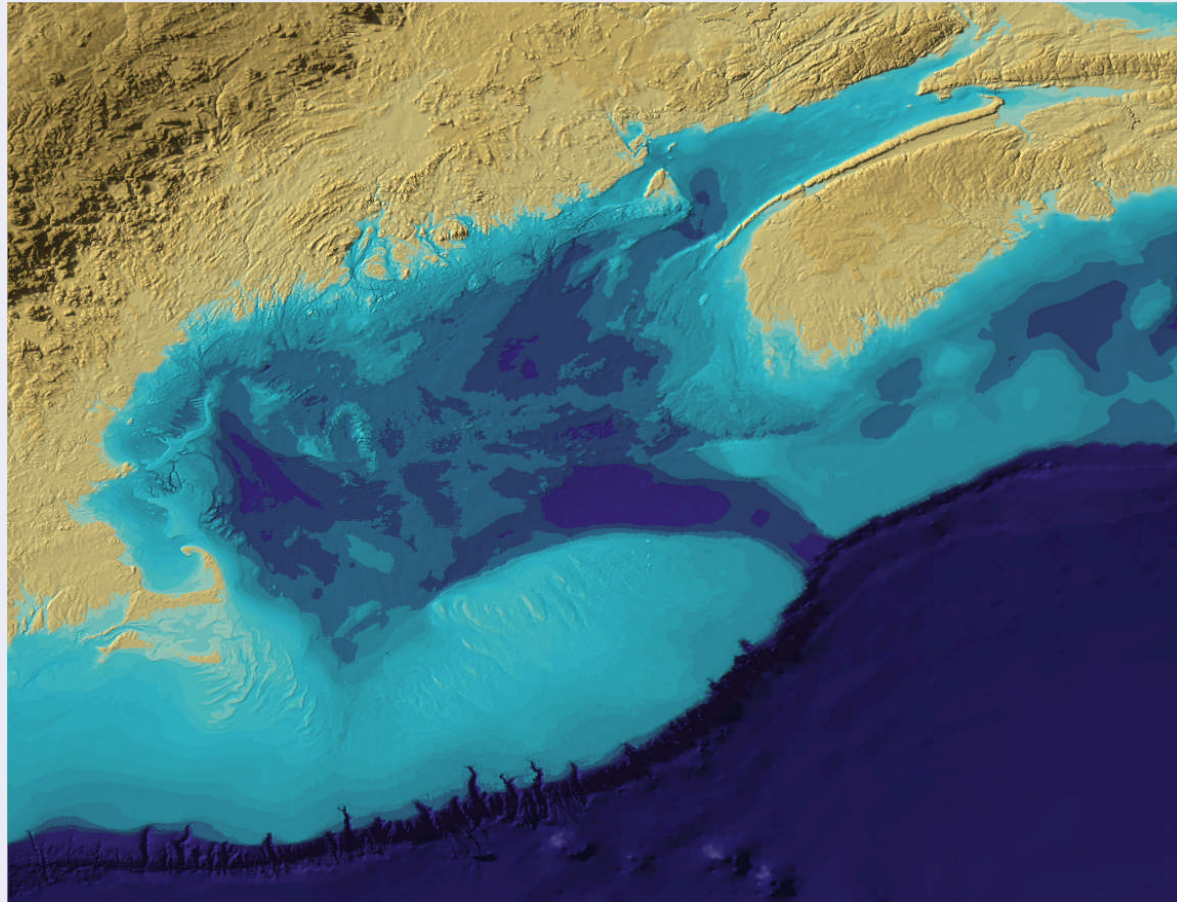
What is ESIP?

A Gulf of Maine-wide ecosystem indicators and reporting effort

- Guided by science
 - Supported by routine monitoring
- Demonstrates patterns of change in the ecosystem

By presenting and interpreting indicators in biennial state of the environment reports, information will be available in a format that decision-makers can use to shape priorities and guide choices.

The Gulf of Maine Ecosystem





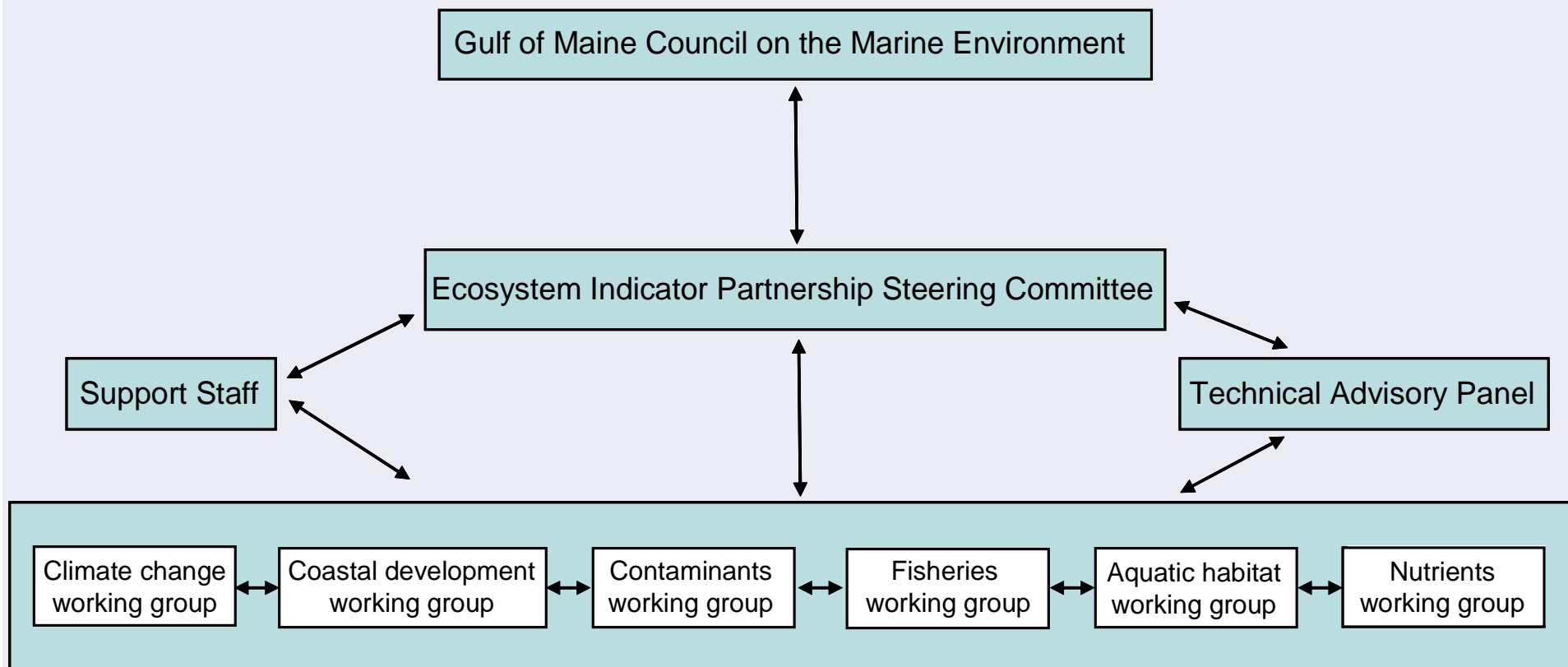
ESIP Leadership

Currently 5 Co-Chairs and a Project Manager

- Gary Matlock, NOAA
- Maxine Westhead, DFO
- Charles Strobel, EPA
- Susan Russell-Robinson, USGS
- *Lucia Fanning*, EC

- Ray Konisky, Project Manager (full time)

ESIP Structure





Timeline of Events

- Northeast Coastal Indicators Workshop (2004)
- Gulf of Maine Summit and release of *Tides of Change* report (2004)
- Governors and Premiers *Committing to Change* Proclamation (2004)
- GoM Council funding for ESIP (2005)
- GeoConnections funding secured for ESIP (2006)



GeoConnections

Major partners: GoMOOS, DFO, NOAA, EPA, EC, GoMC, GoM ODP, ACZISC

Tools:

- Online access to spatial data and information from various sources related to the Gulf's renewable and non-renewable resources.
- Build mapping applications (WMS and WFS) using interoperable, standards-based technologies and datasets (CGDI endorsed)

Results:

- Transboundary collaboration for on-demand information sharing to support decision making
- Breakdown information silos, build capacity of coastal managers to make integrated and informed decisions



Technical Committee

Contribute to draft GeoConnections Workplan

6 Leads and other Members:

- David Keeley, Interim Project Manager, GoMC (ESIP)
 - Tom Shyka, Technical Program Manager, GoMOOS
- Robb Wright, Suzanne Bricker, NOAA
- Jennifer Hackett, Richard Eisner, Bob Branton, DFO
- Paul Spina, Tim Giffen, EPA
- Susan Russell-Robinson, USGS
- Sarah Hall, Barb Buckland, Debbie Pagurek, EC
- Michael Butler, ACZISC
- *and others*

6 Phases of Project

Milestones and Deliverables

- June 2006 *Project starts*

- September 2006 *Complete Phases 1 & 2* \$20k
 - Detailed Workplan
 - Data Discovery/Needs Assessment/Select Technical Vendor

- February 2007 *Complete Phase 3* \$45k
 - Data Development and Publication

- June 30, 2007 *Complete Phases 4, 5 & 6* \$85k
 - End-User Product Development
 - Long-term Sustainability
 - Documentation



Metadata Workshop

Using Metadata Standards to Achieve Data Interoperability

13-14 June 2006

Bedford Institute of Oceanography (BIO)
Dartmouth, Nova Scotia

Register by emailing Victoria Clayton at

claytonv@mar.dfo-mpo.gc.ca

<http://www.iobis.org/Members/brantonb/biometadata/>



For further information, contact:

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