

Mechanism/Organization Breakout Group

CI for EOs workshop

February 26, 2008

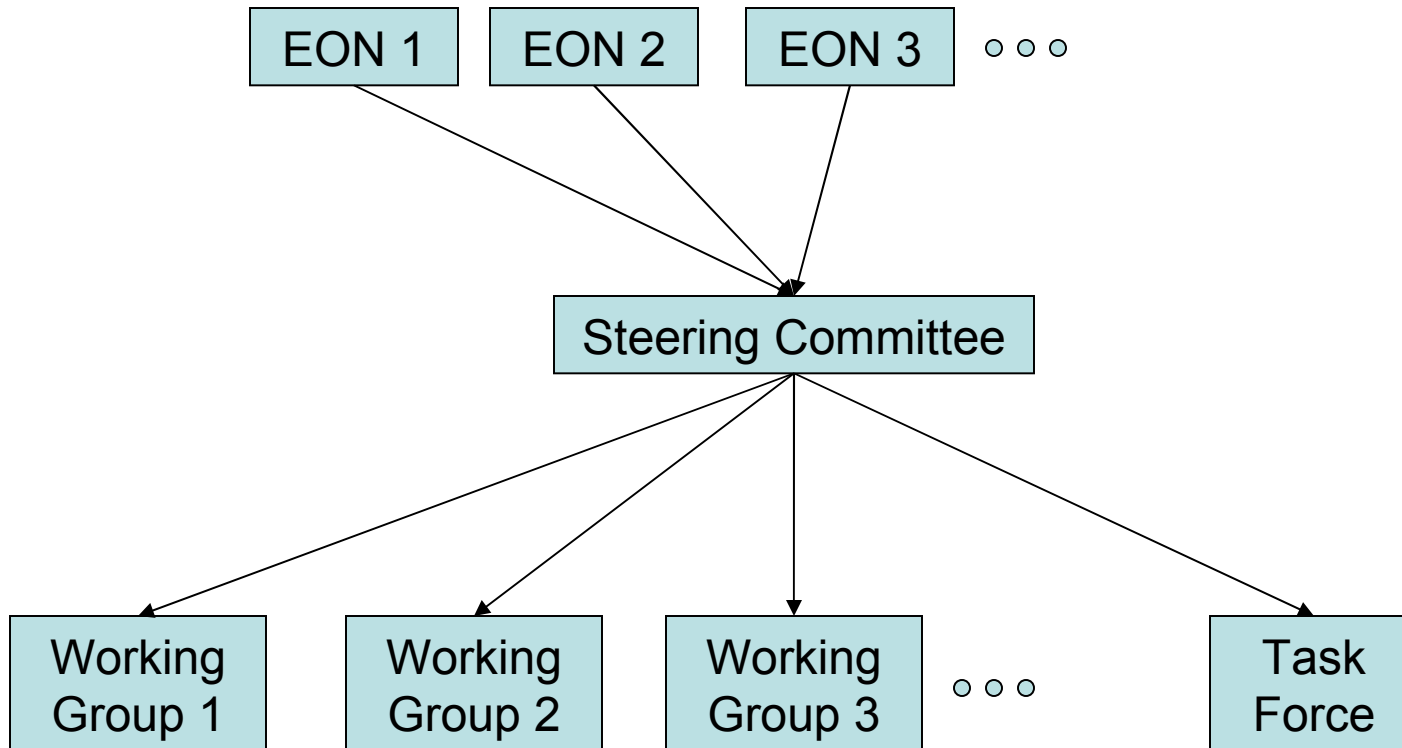
Need for Coordination Across Environmental Observing Networks (EONs)

- EONs share common science interests that require common standards and interoperability
- EONs share common technology needs, and unnecessary duplication should be avoided
 - Reduce O&M fees
- Investment in coordination is required to address these needs

Federation of Environmental Observatory Networks (FEONs)

- Goal: Coordinate and advance activities of emerging and established scientific EONs focused on observing and understanding Earth systems on continental to global scales, focusing primarily on cyberinfrastructure (including sensors)

Proposed Structure



Working Groups' Roles

- Focus on cross-cutting issues
- Each has specific tasks to carry out (identify technologies, publish best practices, help evolve best practices to standards, organize training workshops and tutorials, etc.)
 - Chair and $\frac{1}{2}$ to 1 FTE post-doc or staff to coordinate activities
- Topics cover technical and science issues (CI, sensors, cross-cutting science, etc.)
- Representatives from EONs and technical experts appropriate to particular topics, including CI users
- Monthly teleconferences and participate in annual in-person meeting

Steering Committee's Role

- Review and approve membership applications
- Set up and populate working groups, short-term task forces
- Coordinate working group activities, special sessions at conferences, education and outreach activities annual meeting
- Represent EONs' needs with NSF OCI, industry, and other national and international organizations (e.g., GEOSS)
- Include all EONs that are research networks

Coordination Mechanisms

- Near term:
 - Peter Backlund’s project can help with coordination, travel, setting up Web tools
 - Steering committee with representatives from EONs to define initial activities, write proposals (consider OCI’s inter-op program, RCN for BIO?)
 - Needs a chair
 - Representatives should be senior-level representatives who can speak for their network, and ideally understand both science and CI
 - EONs to budget for staff time to participate in monthly calls
- Longer term:
 - Program office with director (full or part time)
 - Steering committee/board with representatives from EONs
 - Working groups funded

Next Steps

- Form steering committee
- Pick and launch initial working groups
- Develop plan for meetings and workshops
- Write proposals