

Workshop on Cyberinfrastructure for International Biodiversity Research Collaboration

Table of Organization

| | | Workshop Themes | | |
|----------------------|--|--|---|---|
| | | Theme 1 & Breakout 1 | Theme 2 & Breakout 2 | Theme 3 & Breakout 3 |
| | | Opportunities for collaborative biodiversity and ecological research | Identifying effective organizational models and mechanisms for biodiversity research collaborations | Achieving broader impacts: applied objectives; education, outreach and training |
| Plenary Panel | Expertise | | | |
| Roundtable 1 | <i>Biodiversity & Eco-informatics Research</i> | | | |
| Roundtable 2 | <i>Cyberinfrastructure</i> | Wed. Afternoon Five Tables for Breakout Session One. | | |
| Roundtable 3 | <i>Funding and Policy</i> | | Thurs. Morning Five Tables for Breakout Session Two. | |
| Roundtable 4 | <i>Coordination and Collaboration</i> | | | Thurs. Afternoon Five Tables for Breakout Session Three. |

Workshop on Cyberinfrastructure for International Biodiversity Research Collaboration

Anatomy of the Workshop

1. Themes

The Workshop has three general themes, as shown in the yellow cells of the table. The three themes are the context for all workshop discussions--for the plenary roundtable discussions and for the breakout groups.

2. Plenary Panels: Round-Table Discussions

The workshop agenda has four plenary sessions. These are round table discussions organized by subject matter experts in each of four areas of expertise. The sessions and research domains are shown in the blue columns in the table. The plenary sessions are spread over the two days and are intended to be discussions about issues and concepts relating to the three workshop themes, from the perspective of each of the four expert domains.

The plenary, round-table discussions will have these properties:

Objective: To communicate expert experiences, perspectives, opportunities and success stories on topics included in the three workshop themes. Discussion should be based on current and past experiences, and success stories to convey key points, issues, and lessons learned for building research collaborations, particularly international ones.

Discussion: The panel moderator will introduce the panel, optionally add a personal context statement, then individual roundtable members will introduce themselves. From the questions provided to the moderator and panel members, a discussion will take place, led by the moderator. Panels have a duration of 60 minutes, followed by a Q&A session, for 30 minutes. Participants are suggested to record their questions and thoughts for the breakout groups, which groups are intended to be opportunities for responses and alternative opinions and perspectives.

Output: The output of the plenary, roundtable discussions will be shared experience and perspectives, to provide “food-for-thought” and common ground for the breakout discussions.

3. Breakout Groups: Focused Discussions and Brainstorming

The workshop will have three sessions for breakout discussions. The first breakout will occur after the first two plenary round table discussions on Wednesday afternoon. Please see the Breakout Groups Members List for the group that you are assigned to.

The general topics for the breakout sessions correspond to the three workshop themes shown in yellow in the Table of Organization. We will have five tables for the breakouts. Membership at each table has been preset with the objective of mixing subject matter expertise and backgrounds, but participants are free to choose another group if required (please see the Breakout Groups Members List). Members of each group will work together for the three breakout sessions.

The Recorder's responsibility is to capture the main points and to summarize them for the resulting plenary discussion sessions in 1-2 power point slides for presentation to the whole group, immediately after the breakout sessions.

The breakout sessions will have these properties:

Objectives: To have more intimate discussions on the respective workshop theme, particularly of a forward-looking perspective. To brainstorm based on individual experiences of working group members to start to envision international collaboration objectives, potential activities, desirable capabilities, and opportunities related to the respective breakout/workshop theme (1, 2, or 3).

Discussion: Each of the five breakout group will have two co-moderators and a recorder. It is the role of the moderators to guide and facilitate the discussion, starting with the topics posed in the plenary discussion questions provided to the groups, but to also respond to specific points raised in the plenary. Discussions should amplify points made, provide additional evidence or case studies to demonstrate opportunities and success stories, and introduce new relevant issues/themes/successes. Recorders are asked to take ample notes on paper or electronically for use by the workshop Report Writing Committee, which will meet on Friday morning, immediately after the workshop ends.

Output: 1-2 PowerPoint slide lists or bullet-items of key points and issues raised in the working group to be presented in the 75-90 minute plenary discussions scheduled immediately after each breakout session. Recorders will present breakout group findings to those plenary discussions. Recorder's notes for each breakout session table should be delivered to one of the organizers or a member of the Writing Committee.

4. Workshop Report Writing Committee

Objective: Synthesize the plenary discussion session findings, and breakout group discussion points, and information from all of the Workshop sessions and materials into an initial outline and draft of a Workshop Report.

Discussion: The Workshop Report Committee will meet on Friday morning, after the workshop in a meeting room of the Convention Center, and they will begin the outline and finalize the composition of the report. The Committee will conduct follow-up interviews and follow-up requests for supplementary information and documentation in early 2006.

Output: A report of the Workshop's findings with the primary objective being a "roadmap" document for planning and ensuring the occurrence of future international, collaborative, biodiversity informatics research, training, and outreach activities.