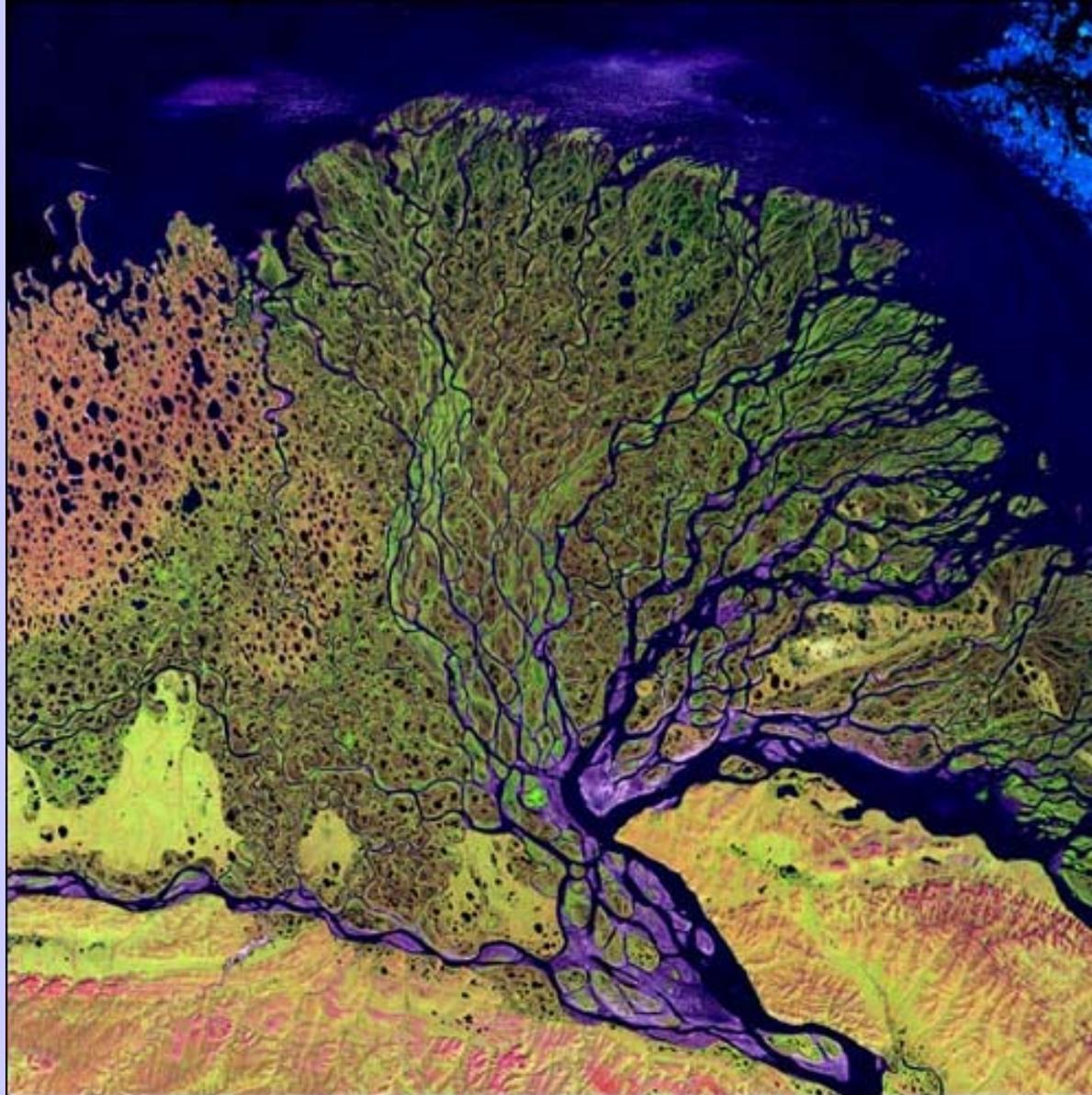


September 21, 2004 Independent Science Board Meeting

Science Program Update



Announcements/Updates:

- ISB Appointments – Tom Dunne and Sam Luoma official (approved by CBDA)
- Science Conference – Integrating Science and Management to Achieve System-Level Responses – Ready to go! Oct 4-6
- Proposal Solicitation Packages are out (<https://solicitation.calwater.ca.gov>)
 - Science Program
 - Ecosystem Restoration Program

Announcements/Updates (cont'd)

- Workshops completed and in the works:
 - Gravel Introduction Workshop – (w/ ERP in July, Summary nearly done)
 - EWA – First Four Years (Sept 8 & 9)
 - EWA Review – Nov 8-10 (charge completed)
 - Possibly Water Quality workshops next year
- ISB Report about Levees (J. Mount) to CBDA Oct 13, 2:00-2:45 PM (Preliminary).

Legislative Directive

- By January 10, 2005
- “...a plan to develop and implement a research agenda to answer...”
 - How much water is needed for endangered/threatened delta dependent fish species?
 - What time of year is that water needed?
 - Other characteristics needed and other appropriate questions.

10-year Finance Plan Request/ Science Program Future Efforts

1. Identifying Important Scientific Issues (~\$3.5 million)

Independent Science Board

Workshops

Staff identification of issues

2. Investing in Critical Unknowns (~\$24 million)

Grants Program via yearly PSP

Post Doctoral Scholars and Graduate Fellowships

3. Scientific Communication (~\$2.5 million)

Science to Agencies and General Public

Science to Science Communication

Communication & Coordination within CBDA

Monitoring Design & Review

Performance Measures

- Different approaches within different programs, etc.
- How do we best apply the overall concept across CALFED? How best to summarize this information for stakeholders, etc.?
- Overview of Water Management Program Elements by Tom Gohring.
- Would like ISB to help us in developing/applying PMs across programs.

Science-Based Monitoring Guidelines

- Basic questions:
 - What should we be striving for in both short and long-term monitoring programs?
 - What are the critical elements of a monitoring program?
 - How do we assure that these are followed in the different agencies/cultures across CALFED to meet the various monitoring requirements?
- Would like the ISB to help develop guidelines; not specific monitoring plans but essential elements of science-based monitoring programs.

New ISB Members

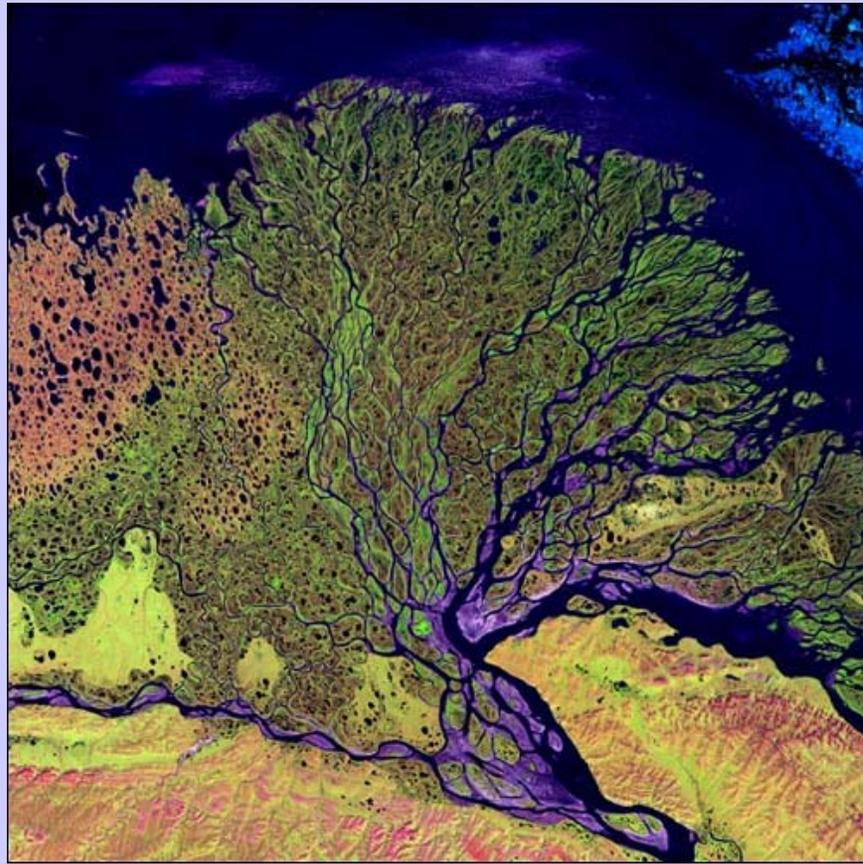
- I propose that we add 2 new members in:
 - Environmental/Resource Economics, and
 - Risk/Decision Analysis.
- I would like to discuss:
 - The total number of ISB members (now 15, above would bring it to 17).
 - Disciplines we will fill next—What do we need?
- I would like to bring names to the CBDA in December for at least the first two disciplines and hopefully all of the disciplines.

For the ISB to Consider

- Subcommittee to consider long-term questions for ISB to tackle.
- Same subcommittee to start working with staff on a strategic plan for the Science Program and to help direct future PSPs (if we get funded).

Orinoco River Delta, Venezuela





The Lena River Delta, Northeastern Russia