

Data Sharing Workshop

To Support Coordinated Assessments

Phase II

April 21, 2011







Purpose of Workshop

1. Review progress of Coordinated Assessments project
2. Assess interim lessons learned from data technicians
3. Review data sharing assessment tools
4. Agree on process and content for a Regional Data Sharing Strategy





Overview of Coordinated Assessments Work Plan

1. Develop a data sharing strategy that provides a framework for sharing data across disparate systems
2. Focus on VSP parameters first, incorporate habitat and hatchery effectiveness in future iterations
3. Be strategic when engaging biologists
4. Use temporary data technicians to assist in initial reconnaissance
5. Develop examples for discussion





Data Sharing Goal and Principles

Develop a systematic approach for sharing data to support ongoing, consistent assessments of anadromous fish in the CRB

- Transparency of data collection, analysis and sharing
- Consistency among the agencies and tribes in data sharing protocols
- Deliberate construction of a collaborative data sharing strategy to support BiOps, Recovery monitoring, and state and tribal management requirements





Overview of Coordinated Assessments Work Plan

Short Term

- Develop initial work plan
- Develop proof-of-concept materials
- Get basin wide buy-in from agencies and tribes

Completed for October Workshop



Overview of Coordinated Assessments Work Plan

Medium Term

- Produce a description of existence, location, format, completeness, availability and gaps for three VSP parameters where data are available
- Align individual data management strategies and identify basinwide data management priorities and sequences
- Support data management funding decisions

Phase II Work Plan



Overview of Coordinated Assessments Work Plan

Long Term

- Fund and implement priority actions to develop basin-wide data management infrastructures
 - Developing agency/tribal internal data systems
 - Shared data hosting
 - Ability to publish data and metadata over the internet
 - Pursue incremental steps towards a data exchange network
- Expand data priorities to include additional VSP parameters and high priority habitat and hatchery effectiveness parameters
 - Continue development of DETs





Overview of Phase II Work Plan

Goals:

- Develop individual and regional data sharing strategies that identify the capacities and business practices necessary for integrated data sharing
- Refine and promote the use of a standard DET format for sharing data among co-managers



Accomplishments to Date

1. Hired Data Technicians
2. Ongoing test of preliminary DETs
3. Started development of DAFDs
4. Developed work plan for assessing gaps
5. Re-convened group to develop a process for generating individual and basin wide data sharing strategies





Purpose of DET, DAFD, and GNP

1. Facilitate description of data sharing gaps using similar standards, terminology, and metrics
2. These will form the scientific justification for data management project funding requests





Use Indicators to Identify Gaps

- Partner Capacity
- Shared Infrastructure
- Data Exchange Templates
- Management and Coordination





Partner Capacity

Internal agency/tribe infrastructure:

- Partner staffing

- Data management procedures (planning and design)

- Hardware and software needed to manage/share information



Shared Technical Infrastructure

Common standards, methods, software, websites,
repositories or other tools created and used collectively

Joint databases

Support provided by regional technical support teams

Data stewards

Software support





Common DET

- common data/metadata formats designed to support improved sharing
- What are we committing to share on what timeline (currency of success)
- A common DET format would guide future sharing of these indicators



Maintenance and Governance

- Agree to continue meeting through PNAMP and CBFWA
- Gives confidence to funders that investments will continue to generate necessary products
- Continued partnerships are key to success



Data Sharing Strategies

- Need to be used to set internal priorities
- Will be used to identify BPA funding priorities
- May be used to support funding from NOAA and others





Summary

This could help you by -

- Identifying your priority needs for sharing data within your tribe/agency and help communicate those needs
- Make sharing data externally more efficient and effective
- Build tools/processes that are useful for you



Summary

What we need from you -

- Identify how specific data is currently managed within your agency/tribe (DET/DAFD/GNP)
- Identify how funding could be spent to improve those processes (Data Sharing Strategy)
- Work with your co-managers to optimize data sharing systems within areas of overlapping jurisdiction





Summary

Your considerations during this phase -

- What are your most important information management capacity issues?
- What incremental assistance, individually would help you the most?
- What shared infrastructure could be adapted/developed to support you/others?
- What criteria should we use to prioritize these needs?





Phase III

- After we develop funding priorities this effort carries on
- Manage the development of DET agreements
- Expand to other VSP parameters
- Integrate with Habitat and Hatchery Effectiveness DET

