

NED



NORTHWEST
ENVIRONMENTAL
DATA-NETWORK

Northwest Environmental
Data-Network
Portal Development

Executive Meeting for Northwest Environmental Data-Network (NED)

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Northwest Power and
Conservation Council

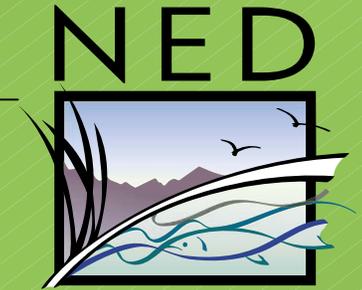
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NED Technology for Data Discovery and
Sharing Work Group



Background

- Meets regional fish, wildlife, and water data discovery and sharing needs identified by SAIC and by NED Workshop participants
- Software consistent with all of SAIC's recommendations
- There is regional and national support for developing improved data sharing and discovery tools
- Allows for integration of other similar national, regional, state, and local efforts



What the Portal is and what it can do

nppc.bpa.gov/Portal

- Discover data from different web sites in one place
- Share data (tables, reports, maps, etc.)
- Look at or download the data, as maps or tables
- Overlay different data sets in map form
- Print, save, or email maps you create
- The Portal indexes and organizes data: tabular, spatial, documents, and etc.



Features of the NED Portal

- Cost effectiveness. Builds upon and ties together comparable national and state-level efforts
- Compliant with National and International standards, including the National Spatial Data Infrastructure (NSDI) and Federal Geographic Data Committee (FGDC)
- Uses off-the-shelf tool -- ESRI's Portal Tool Kit -- which runs the nation's Portal at: www.geodata.gov
- Focused on Pacific Northwest natural resource issues
- One place to find all the data you are looking for



What it will take for the Portal to Succeed

- Requires that data and spatial products are posted to the Portal as a normal part of work
- Metadata posted by participants
- NED Portal pilot deployment and operational transition
- Development of Operational and Business rules
- A Portal Administrator and some technical help
- Assistance for those agencies or entities that cannot post their own data



What it is likely to cost

- Infrastructure and staff
- A Portal Administrator is needed full time
- Resource data subject-specific content managers (data stewards)
- Fiscal Year 2006 budget needs are covered under the GIS for Subbasin Plans project (\$200,000)
- Propose to include out year budgets with BPA/Council Regional Data Management Planning and Coordination



Policy Commitment

- Metadata are posted to the Portal
- Raw data are available on the Internet
- Data quality is assured by the data providers
- Users will be the final test for success
- Regional Executives will need to support the common use of basic standards and protocols for data quality and metadata



Conclusion

- Technology evolution, not revolution
- The Portal allows anyone to discover and share data on fish, wildlife, and water for natural resource policy, planning, and management
- Opportunity to leverage and integrate with both national and state efforts
- Adaptive management approach to information system development in support of NED goals
- We ask for your suggestions, enthusiasm, and support