



## **Independent Scientific Review Panel**

for the Northwest Power and Conservation Council

851 SW Sixth Avenue, Suite 1100

Portland, Oregon 97204

[www.nwcouncil.org/fw/isrp](http://www.nwcouncil.org/fw/isrp)

March 28, 2012

### **Presentation: ISRP Final Review of Proposals for the Resident Fish, Data Management, and Regional Coordination Category**

ISRP members Rich Alldredge, Chair, and Dennis Scarnecchia, Vice-Chair, will present findings and answer questions regarding the ISRP's Final Review of Proposals for the Resident Fish, Data Management, and Regional Coordination Category. The report will be completed on April 3, 2012 and will be posted on the Council's website ([www.nwcouncil.org/fw/isrp](http://www.nwcouncil.org/fw/isrp)). The report will provide the ISRP's final comments and recommendations on 71 proposals. For ongoing projects, these ISRP comments will include a retrospective evaluation of results. In addition to individual project reviews, the report will contain comments on issues that cut across projects and apply to the Fish and Wildlife Program in general. Topics covered include trout stocking strategies, monitoring and evaluation, data management, regional coordination, results reporting, and process issues. The ISRP's presentation will summarize the project review recommendations and highlight the programmatic topics.

# ISRP Review -- Resident Fish, Data Management, and Regional Coordination Category

**Presented by:**

**Dr. Rich Alldredge, ISRP**

**Dr. Dennis Scarnecchia, ISRP**

**Northwest Power and Conservation Council**

**Skamania, WA**

**April 11, 2012**

# ISRP & Peer Review Group Members

**Staff** : Erik Merrill, J.D., ISRP and ISAB Coordinator

## ***ISRP Members***

J. Richard Alldredge, Ph.D.

Robert Bilby, Ph.D.

Peter A. Bisson, Ph.D.

Charles Henny, Ph.D.

Colin Levings, Ph.D.

Eric J. Loudenslager, Ph.D.

Katherine Myers, Ph.D.

Thomas P. Poe, M.S.

Greg Ruggione, Ph.D.

Dennis Scarnecchia, Ph.D.

Bruce Ward, M.S.

## ***New ISRP Members***

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David Heller, M.S.

R. Scott Lutz, Ph.D.

Steve Schroder, Ph.D.

Carl Schwarz, Ph.D.

## **Peer Review Group**

John Epifanio, Ph.D.

Kurt Fausch, Ph.D.

Jack Griffith, Ph. D.

Susan Hanna, Ph.D.

William Liss, Ph.D.

Lyman McDonald, Ph.D.

Robert J. Naiman, Ph.D.

Courtland Smith, Ph. D.

Richard Williams, Ph.D.

# Resident Fish, Data Management, and Regional Coordination Category Review

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- 71 proposals submitted
- 14 proposals meet scientific review criteria
- 37 proposals meet criteria with some qualifications
- 3 proposals did not meet criteria
- 17 regional coordination proposals received programmatic recommendations
- 9 recently reviewed “contextual” projects included

# Scientific Review Criteria

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1. Based on sound science principles
2. Benefit fish and wildlife
3. Have clearly defined objectives and outcomes
4. Contain provisions for monitoring and evaluation of results



# Additional Comments

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Issues cutting across projects and applying in general

- non-native fish management
- trout stocking strategies
- monitoring and evaluation
- regional coordination
- results reporting
- process issues





# Attachments included

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ISRP feedback on drafts of

- Resident Fish Monitoring Strategy (RFMS)
- Wildlife Monitoring Implementation Strategy (WMIS)

These documents were used for context in this review



# Review Process

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The ISRP is supportive of this review approach that incorporates some of the best features of past reviews

1. ISRP individual reviews
2. Site visits
3. Project presentations
4. ISRP group evaluation meeting
5. Preliminary report completion
6. Response review and completion of final report.





# Programmatic Comments

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## Structured Decision Management (SDM)

- process to identify and evaluate alternatives
- engage stakeholders, experts, and decision makers
- rigorous analysis and dialogue
- create a roadmap for planning, analysis, and consultation about resource decisions



# Programmatic Comments: Resident Fish

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- Resident Fish Master Planning Documents
- Habitat Restoration for Resident Fish
- Climate Change Considerations
- Management of Stocked Salmonid Fisheries
- Non-native Fish Suppression Programs
- Stock-recruitment in Resident Salmonids
- Coordination and Direction among Sturgeon Research Projects

# Programmatic Comments: Monitoring and Evaluation

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- [MonitoringMethods.org](http://MonitoringMethods.org)
- Angler satisfaction
- Sample size justification
- Assessment opportunities with existing data
- Reporting results



# Programmatic Comments: Data Management

- Redundancy
- Gaps
- Distributed versus Centralized Databases
- Data Management Program Considerations

Table 22. Upper Salmon MPG. Summary of current population status vs. ICTRT viability criteria

Upper Salmon River MPG	Abundance/Productivity Metrics				Spatial Structure and Diversity Metrics			Overall Viability Rating	
	Population	ICTRT Minimum Threshold	Natural Spawning Abundance	ICTRT Productivity	Integrated A/P Risk	Natural Processes Risk	Diversity Risk		Integrated SSD Risk
North Fork 2000-2009	500	Insufficient data	Insufficient data	High	High	Low	Low	Low	HIGH RISK
1995-2004				High					
Lemhi River 2000-2009	2000	96 (38-582)	0.94 (0.59-1.52)	High	High	High	High	High	HIGH RISK
1995-2004				High					
Pahsimeroi River 2000-2009	1000	154 (80-316)	0.58 (0.33-1.04)	High	High	Moderate	High	High	HIGH RISK
1995-2004				High					
Upper Salmon Lower Mainstem 2000-2009	2000	120 (37-378)	1.16 (0.83-1.61)	High	High	Low	Low	Low	HIGH RISK
1995-2004				High					
East Fork Salmon River 2000-2009	1000	178 (68-784)	1.04 (0.66-1.65)	High	High	Low	High	high	HIGH RISK
1995-2004				High					
Yankee Fork 2000-2009	500	21 (2-324)	0.80 (0.38-1.68)	High	High	Moderate	High	High	HIGH RISK
1995-2004				High					
Valley Creek 2000-2009	500	78 (13-292)	1.21 (0.78-1.91)	High	High	Low	Moderate	Moderate	HIGH RISK
1995-2004				High					
Upper Salmon Mainstem 2000-2009	1000	313 (98-743)	1.21 (0.87-1.71)	High	High	Very Low	Moderate	Moderate	HIGH RISK
1995-2004				High					



# Programmatic Comments-Regional Coordination

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- Research Questions and Hypotheses
- Sociobiogeographic Regions
- Priorities for Policy Coordination



# Programmatic Comments-Proposal Content & Form

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- Proposal format
- Impact reporting
- Hypotheses
- Project evolution, tracking adaptive management
- Subcontractor information
- Project and program fragmentation





# Thank You!!!

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