

ISAB and ISRP 101

Eric J. Loudenslager, ISRP Chair

Yakima Symposium 2011
Ellensburg, Washington

June 15, 2011



ISRP – Project Review

- 1996 Amendment to Power Act
- serves the Council
- reviewed about 2400 proposals

ISAB – State of Science Reviews

- serves the Council, NOAA Fisheries, Columbia River Indian Tribes
- 68 reports, over half Council requested



ISAB Organization

ISAB Administrative Oversight Panel

Appoints members and approves assignments

- Council Chair
- Director of NOAA's NW Fisheries Science Center and the Regional Administrator as joint participants
- Senior representative from the Tribes

ISAB Organization

ISAB Non-voting Ex Officio Members

- Senior Scientists from Council, NOAA, and Tribes
- Act as liaisons, develop assignments, provide context
- Serve on ISAB Executive Committee



ISAB and ISRP Organization

Officers and Executive Committees

- chair, vice chair, two at-large officers
 - ISAB Chair - Nancy Huntly
 - ISRP Chair - Eric Loudenslager
- procedures, workplan, and internal matters

Science Coordinator

- Erik Merrill



ISAB and ISRP Membership

Appointment Procedures

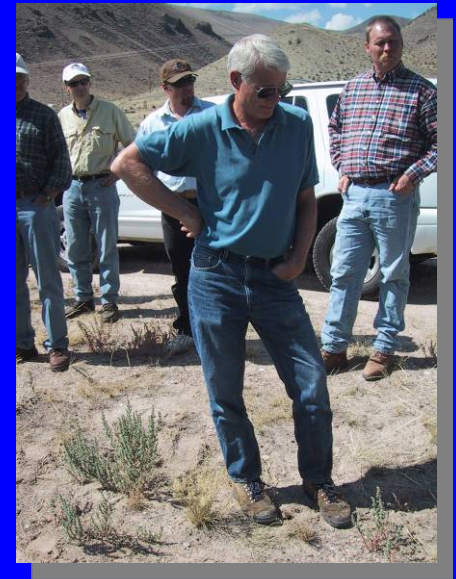
- Nominations from region, sponsors, ISRP, ISAB, Selection Panel
- Screening by National Academy of Sciences
- Appointment
 - ISRP (PRG) – Council
 - ISAB – Oversight Panel

Terms – Eligible for two, normally 3-yr terms

ISAB and ISRP Qualifications

Senior scientists with expertise in:

- Columbia River anadromous and resident fish ecology,
- statistics,
- wildlife ecology,
- ocean and estuary ecology,
- fish husbandry,
- genetics,
- geomorphology,
- social and economic sciences, and
- other relevant disciplines



Balance between Columbia River Basin and broader experience.

Conflict of interest and bias

Independent Scientific Advisory Board

Programmatic Review

1996 - Jointly created by NOAA Fisheries and Council

- Precursors: Independent Scientific Group 1995-1996; Scientific Review Group 1989-1994; Technical Working Groups 1980s

- 1994 Fish and Wildlife Program and Bevan Report - Snake River Salmon Recovery Team. May 1994.

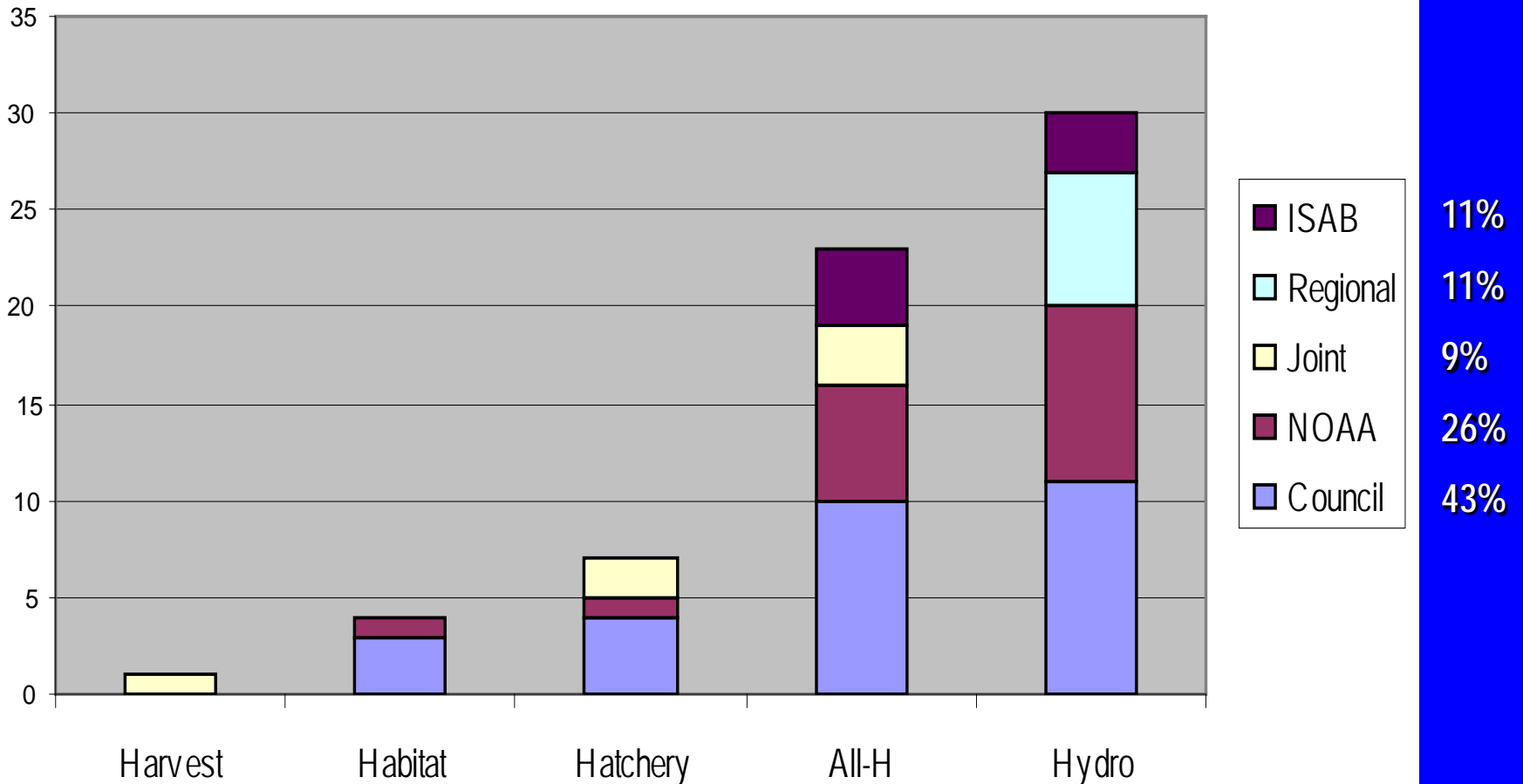
2002 - Columbia River Basin Indian Tribes added as partners

ISAB Review Tasks

- Council Fish and Wildlife Program
- NOAA Fisheries recovery activities
- Tribal restoration and management efforts
- Anadromous fish survival efforts
- Requests by the region or the ISAB itself and approved by the Oversight Panel

ISAB Reports 1997-2008

(68, about 6 per year)



Independent Scientific Review Panel Project Review

- 1) Fish and Wildlife Program projects
- 2) Retrospective review of program accomplishments
- 3) BPA reimbursable program

ISRP Review Criteria

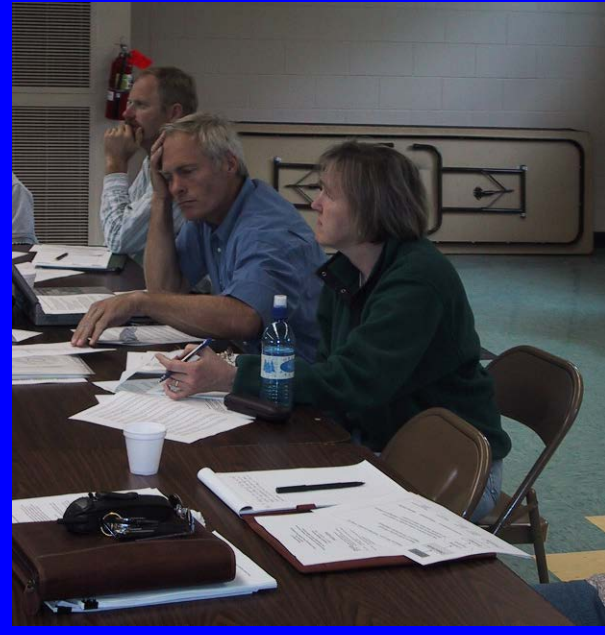
1996 Amendment to the NW Power Act

- sound science principles
- benefit fish and wildlife
- clearly defined objective and outcome
- monitoring and evaluation of results
- consistent with the Council's program

The Council must explain in writing when they diverge from ISRP Recommendations.

ISRP 1997-2008

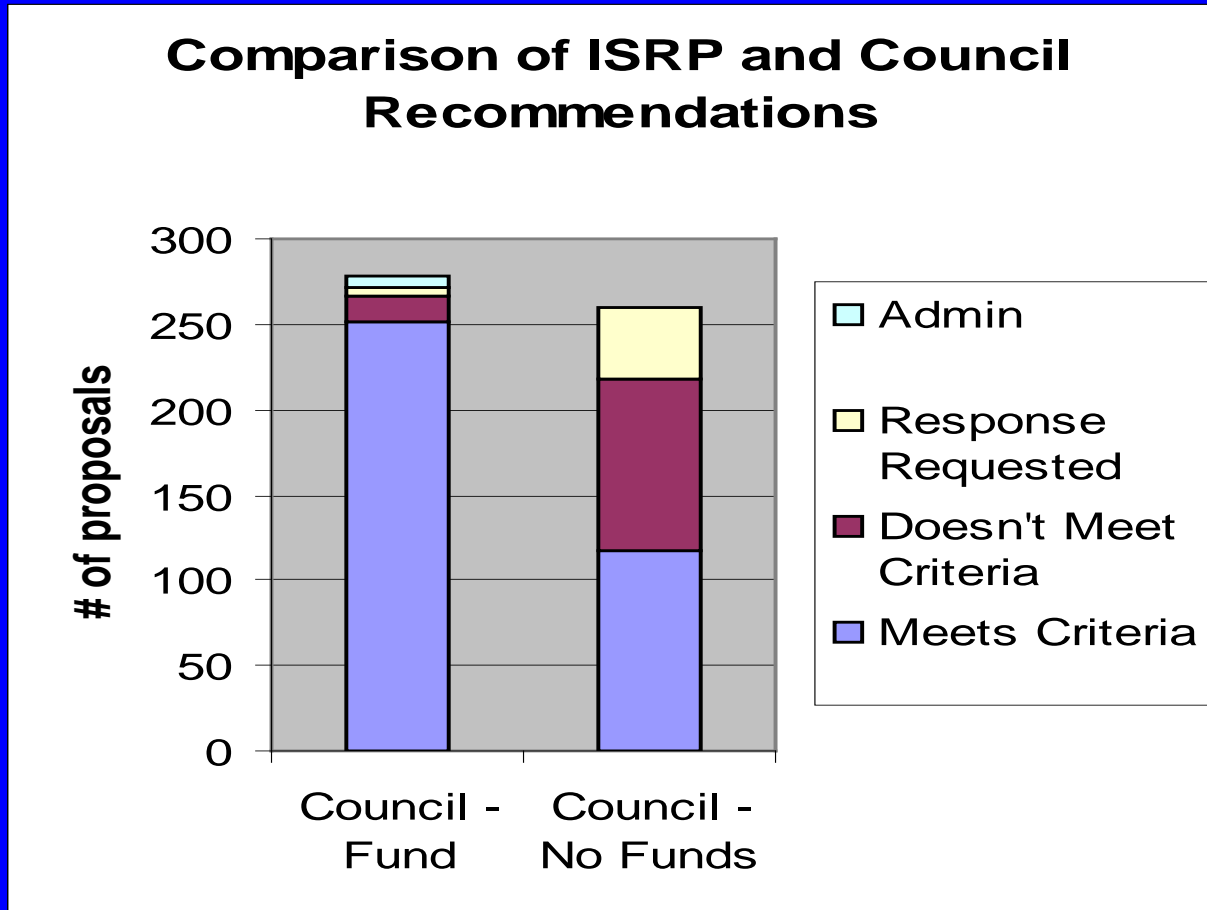
- 145 Reports
- 2370 proposals, 730 responses
- 45 Subbasin Plans (30,000+ pages) with ISAB
- Over 50 scientists, ISRP and Peer Review Group



FWP Review Formats

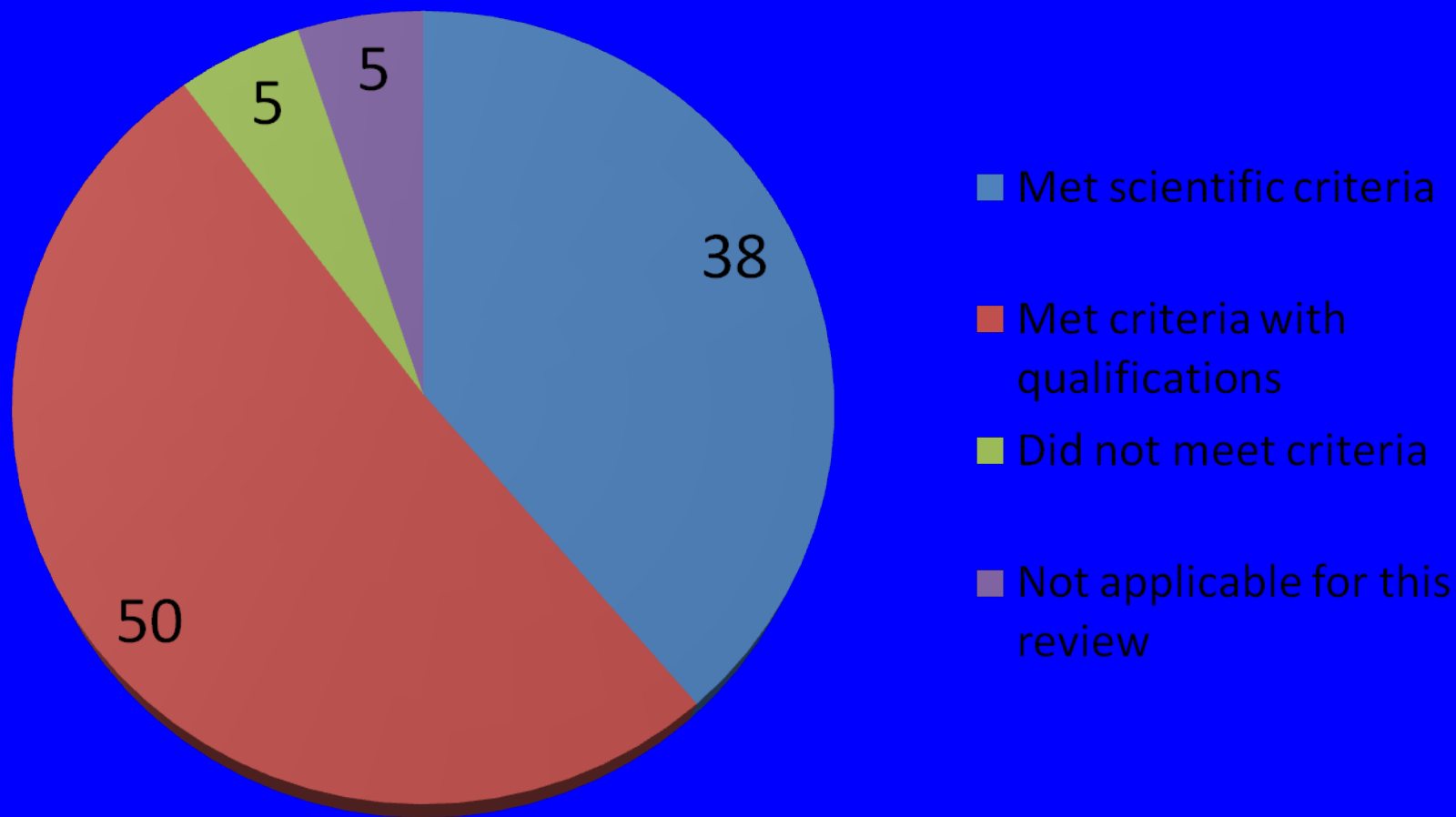
1997	All Projects
2000 – '03	Rolling Provincial Review
2006	All Projects
Current	Categorical & Geographic
2009	Wildlife
2010	RME & AP
2011	Resident Fish
	Data Management

Project Selection 2007 - 09



Adapted from ISRP 2007-1 2006 Retro Report: Figure 6. Comparison of ISRP and Council FY 2007-09 Recommendations

Percent of 2010 proposals



YKFP Master Plan Reviews

- Yakima River Subbasin Master Plan
- Klickitat River Subbasin Master Plan
- Wenatchee/Methow Coho Reintroduction

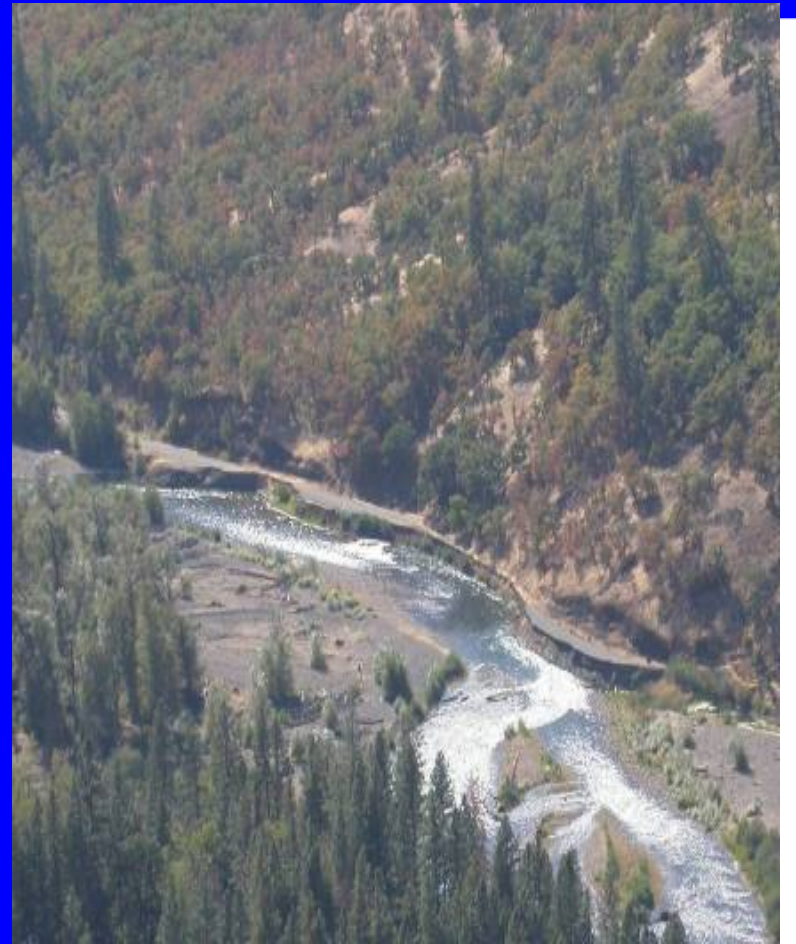
Retrospective Review

Review the results of prior year expenditures:

Focus on measurable benefits to fish and wildlife

Provide biological information for the Council's evaluation of the success in meeting program objectives

Summarize ISRP province review efforts and identify major basinwide programmatic issues



Klickitat River

Retrospective Review Approaches

Evaluate results reported in proposals

Programmatic comments that accompany multi-project reviews

Formal “Retrospective” reviews (three to date)

Review synthesis reports from project proponents (LSRCP, SAFE, CSS, Umatilla)
– *preferred approach*



Wanaket Wildlife Management Area

Formal Retrospective Reviews

1997 – 2005: Programmatic Themes

2006: Analysis of Results Reporting in 07/09 Proposals

2007: Adaptive management actions



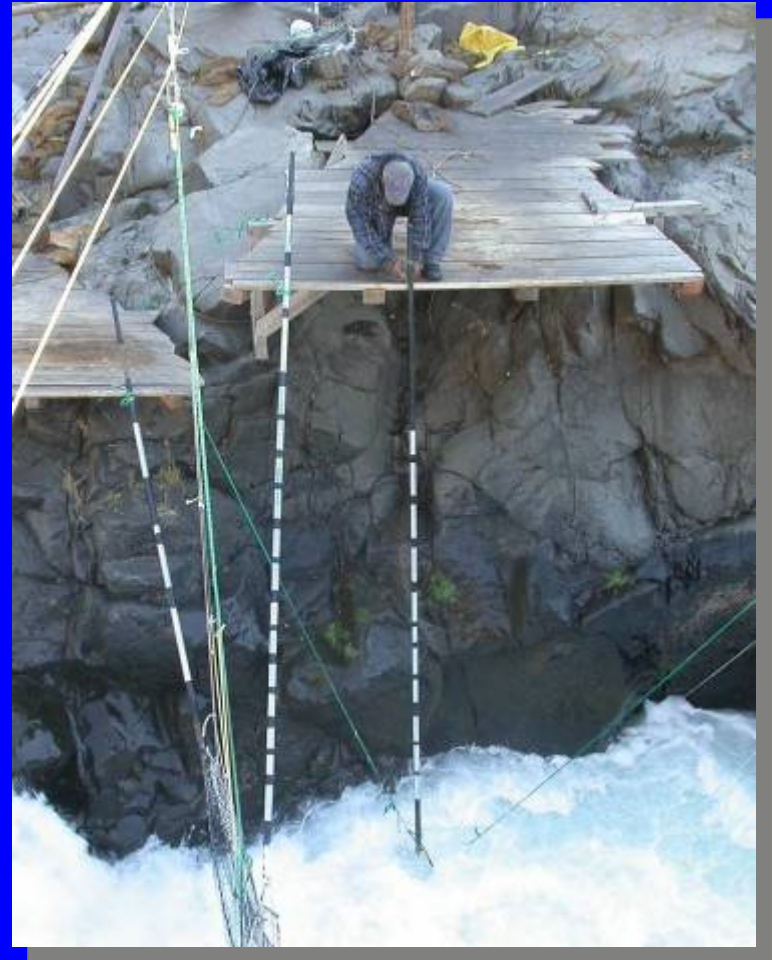
Bighorn Sheep, Middle Fork Salmon

2011 Retrospective Topics

Artificial production –
supplementation RM&E

Viable Salmonid Population
status and trends
monitoring

Programmatic issues such
as subbasin plan use and
improvement



Fishing at Lyle Falls, Klickitat River

