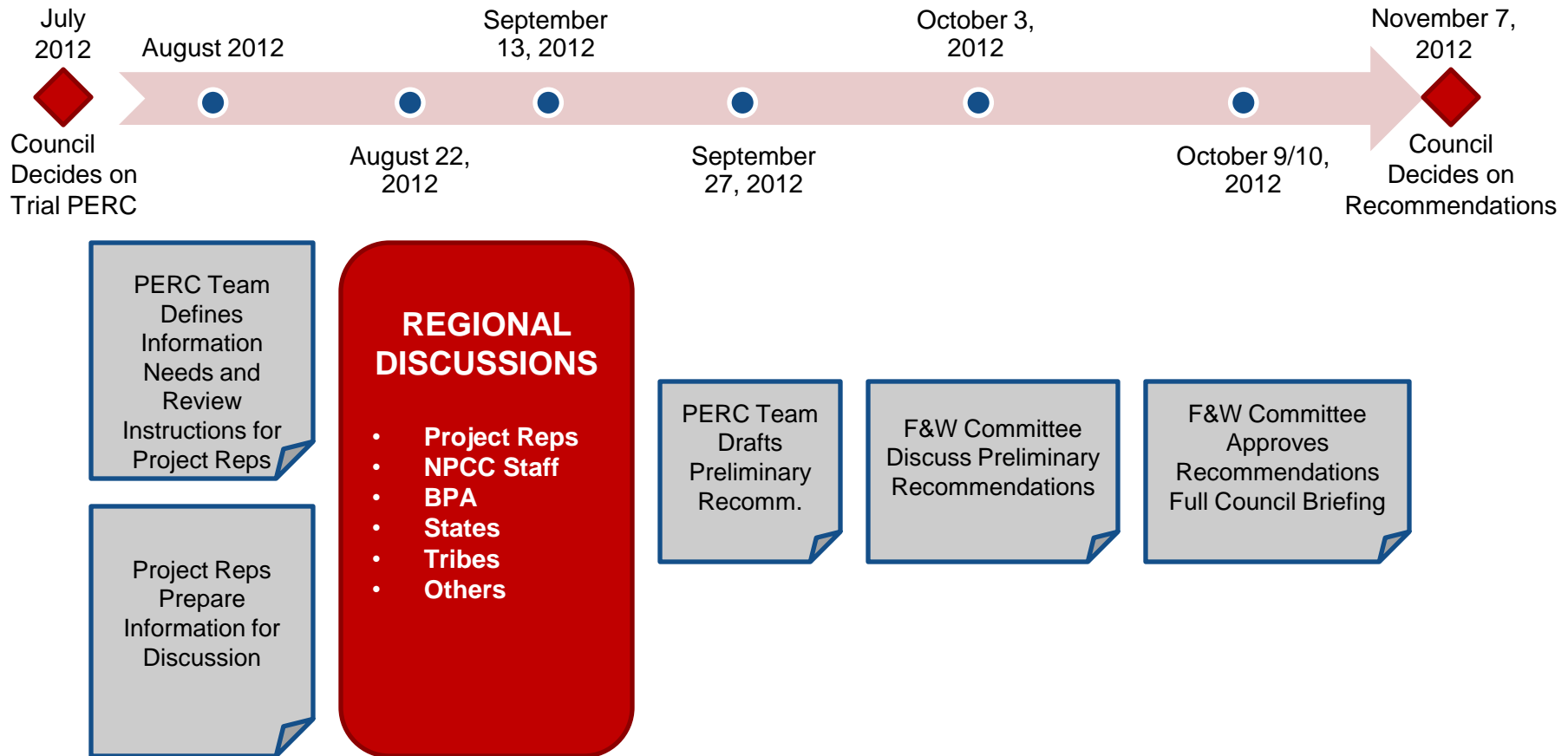


# PERC Process



# Expected Outcomes

- ❖ Identify data management activities that support reporting of performance and progress for:
  - Habitat Improvement and Protection for Mainstem (e.g., passage improvements) and Tributaries (e.g., habitat restoration);
  - Species Status (e.g., listed and non-listed fish and wildlife) and Contributing Actions (e.g., conservation hatcheries);
  - Harvest Opportunities and Contributing Actions (e.g., augmentation hatcheries);
  - Recent Accomplishments and Emerging Science and Tools (e.g., independent science advisory panel recommendations, project accomplishments, innovative tools).
- ❖ Identify opportunities for improvement/streamlining

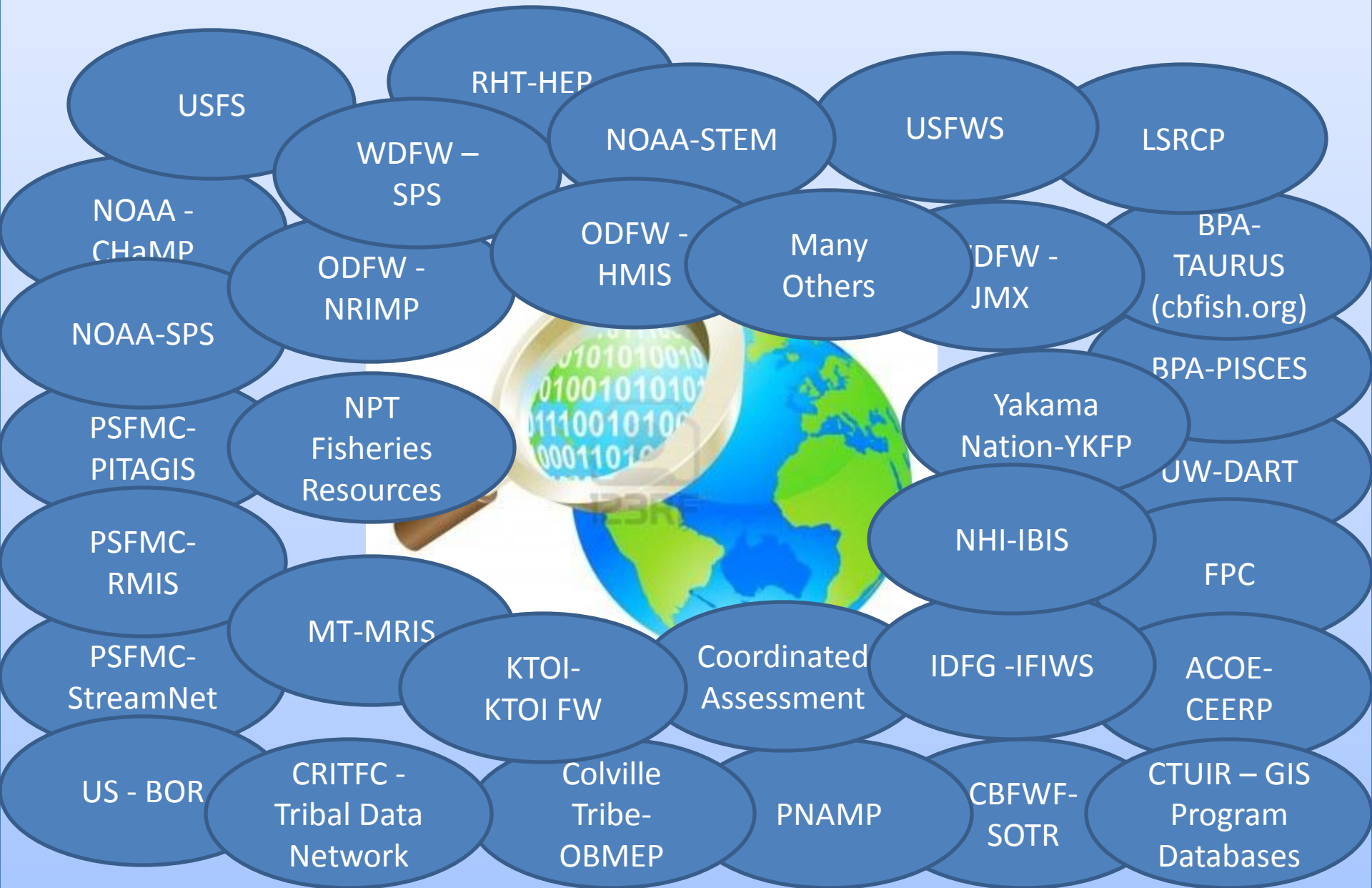
# The World of Data and the Columbia River Basin Fish & Wildlife Program



## Program Evaluation and Reporting Committee (PERC)

Nancy Leonard, Peter Paquet, Lynn Palensky, Tony Grover,  
Bill Booth, Kevin Kytola

# Many efforts for Data Management: Guidance, Tools, Databases, Repositories, and Synthesis



# Many efforts for Data Management: Guidance, Tools, Databases, Repositories, and Synthesis

USFS

RHT-HEP

LISEWS

LSRCP

NOAA-  
CHAMP

NETWORKS, DATABASES,  
THE INTERNET, THE WEB, WHERE  
IS IT ALL GOING?

I HAVEN'T MADE  
UP MY MIND YET!

BPA-  
TAURUS  
(cbfish.org)

NOAA-SPS

BPA-PISCES

PSFMC-  
PITAGIS

a  
KFP

UW-DART

PSFMC -  
RMIS

FPC

PSFMC -  
StreamNet

ACOE-  
CEERP

US - BOR

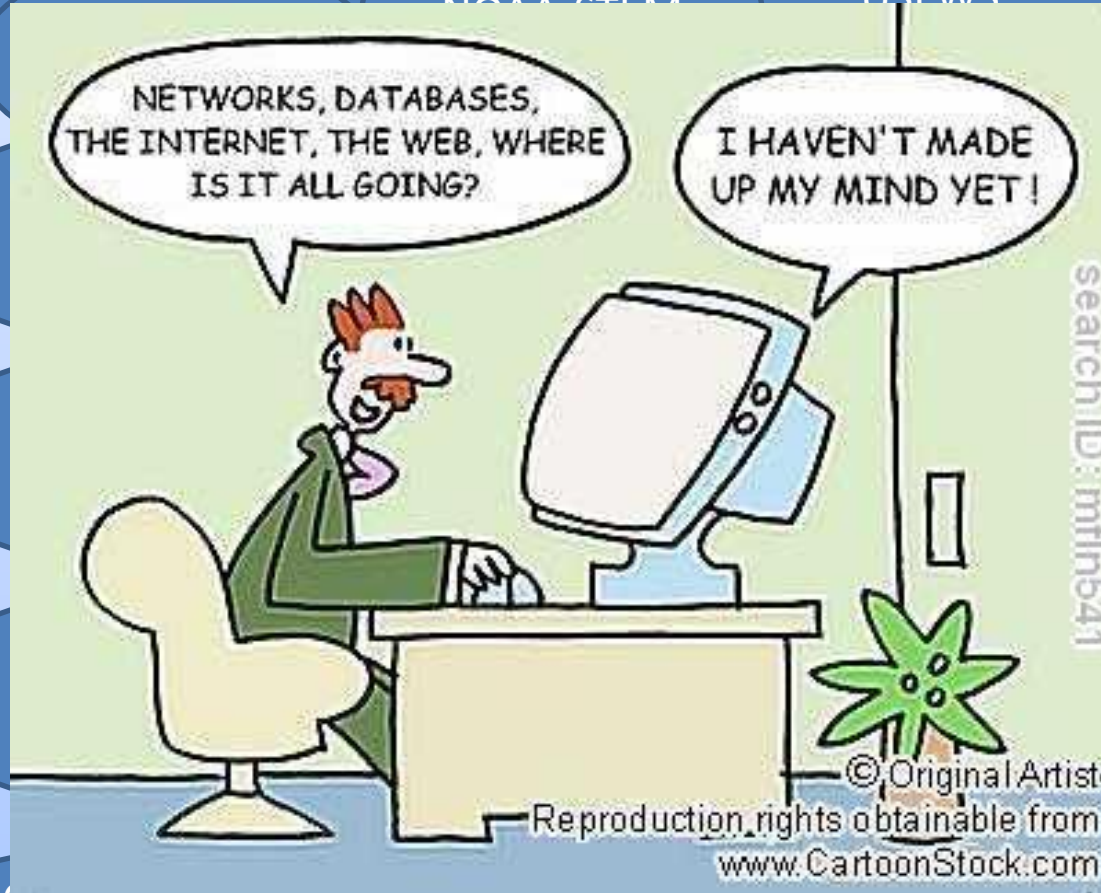
CRITFC -  
Tribal Data  
Network

COVINE  
Tribes-  
OBMEP

PNAMP

CBFWF-  
SOTR

CTUIR - GIS  
Program  
Databases

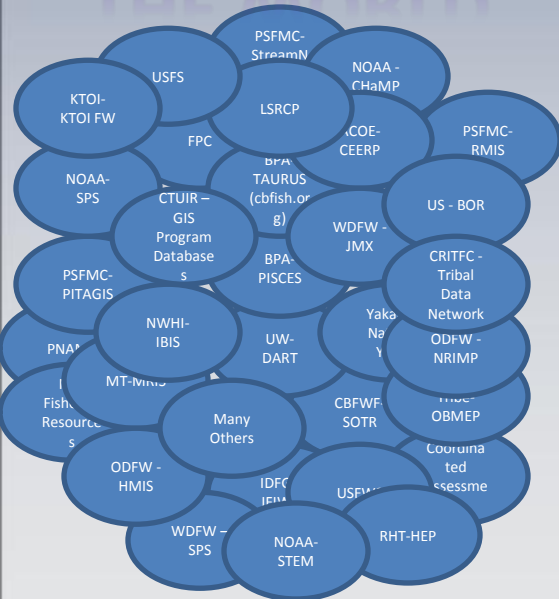


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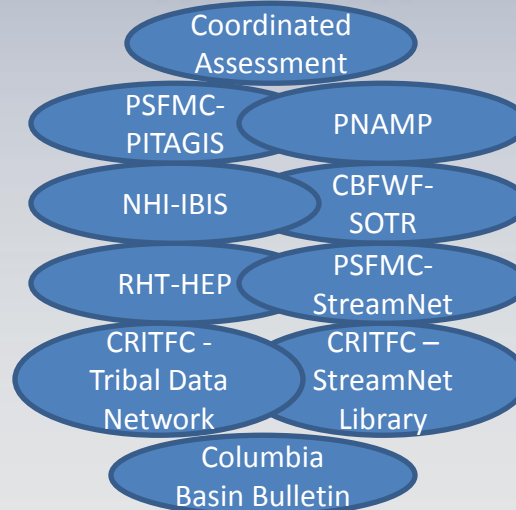
# Where to Start Refining how the Program's Reporting Data Needs are Addressed?

## THE WORLD



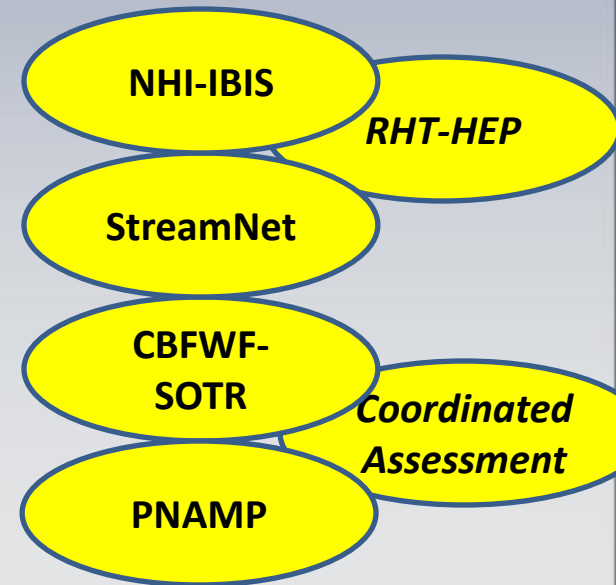
*All scales of databases and related guidance and tool development efforts*

## COUNCIL PROJECT REVIEW



*Program funded data/information management projects*

## PERC



*Key Program funded efforts that contribute to HLI development and data needs*

# NW Habitat Institute's Interactive Biodiversity Information System(NHI-IBIS)

(2013 Proposed Work Project # 2003-072-00)



## Staff:

1. Project Manager/Project investigator;
- 2.Senior GIS Developer/Analyst;
3. GIS Analyst/Program Management.



## Budget:

- 2012 budget: \$165,821;
- Requested 2013: \$1,077,005.



## 2013 Proposed Work:

- Support subbasin planning;
- Digital library for GIS habitat data;
- Developing wildlife HLI;
- Integrating habitat inventories and evaluations.
- And more...

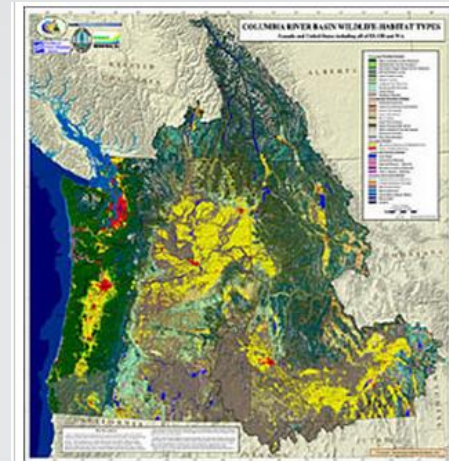


## Region:

- Pacific Northwest region



NHI- IBIS




# Pacific Northwest Aquatic Monitoring Partnership (PNAMP)

(2013 Proposed Work Project # 2004-002-00)

- 
- PNAMP Coordinator
  - PNAMP Assistant Coordinator
  - PNAMP Info Management Liaison
  - PNAMP Special Project Assistant(s)

- 
- 2012 budget: \$583,045;
  - Requested 2013: \$793,853

- 
- Support [MonitoringMethods.org](http://MonitoringMethods.org)
  - Data Management Best Practices
  - Facilitate Effectiveness Monitoring Coordination
  - High Level Indicators Coordination
  - Facilitate Coordinated Assessments
  - Dev. Monitoring Site Manager & Explorer
  - And more...

- 
- Pacific Northwest region



PNAMP






# StreamNet

(2013 Proposed Work Project # 1988-108-04)

- 
1. Database manager
  2. GIS manager & GIS specialist
  3. Web programmer
  4. Biologist
  5. Program manager

- 
- 2012 budget: \$1,964,576;
  - Requested 2013: \$2,186,271

- 
- Develop products for Coordinated Assessments
  - Update anadromous and resident fish data sets
  - Develop, maintain, manage database and data store
  - Regional scale dissemination tools (maps, guides)
  - Fund data stewards in agencies
  - Develop agency databases and other tools
  - And more...



- Pacific Northwest region




StreamNet



# Columbia Basin Fish and Wildlife Foundation (CBFWF)

(2013 Proposed Work Project # 1989-062-01)

- 
1. Office Manager
  2. Coordinator
  3. Coordinator
  4. Systems and Data Manager
  5. Executive Assistant

CBFWF-  
SOTR



-2012 budget: \$853,580

- Requested 2013: \$955,035 (excludes CBFWA members\$)

2013

- Status of the resource project
  - Anadromous Fish Program Coordination
  - Columbia Basin Lamprey Technical Workgroup
  - Fish Screening Oversight Committee
  - Resident Fish Program Coordination
  - Wildlife Program Coordination
- (proposal also includes CBFWA functions)



-Columbia River Basin



# Habitat Evaluation Project (HEP)

(2013 Proposed Work Project # 2006-006-00)



- Project Lead
- Assistant Project Lead
- Data entry/report staff (1 part-time)
- Summer field crew (3 part-time)



- 2012 budget: \$442,028
- Requested 2013: \$442,028

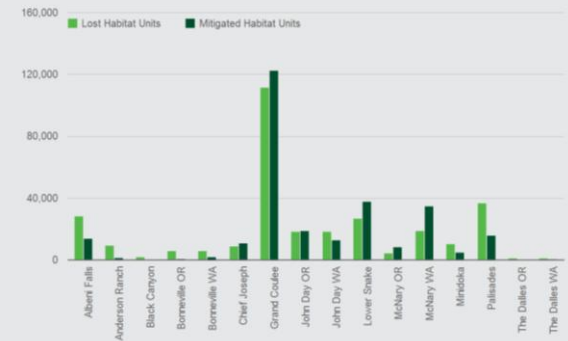
2013

- Conducts vegetation transect
- Calculate Habitat Units based on vegetation transect data

-Columbia River Basin




Wildlife Habitat Units Lost and Mitigated, by dam



# Coordinated Assessments for Salmon and Steelhead (CA)

( a collaborative process not a BPA Project)

- 
1. Co-facilitated by: CBFWF, PNAMP, and StreamNet
  2. Federal, State, & Tribal Participants



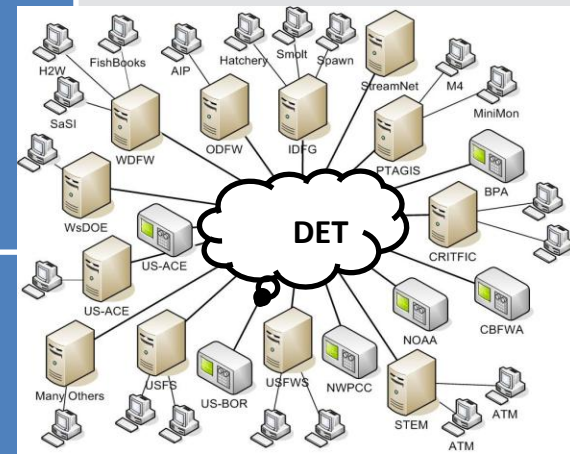
- Budget: process organization, tool development and facilitation funded by the three co-leads .

- 
- Development of Data Exchange Template
  - Document data flow
  - Evaluate capabilities and develop strategies for sharing VSP indicators
  - Workshops
  - Project funding prioritization
  - And more...



- Columbia River Basin

CA



# Main Role of these 6 Efforts in Addressing the Program's Reporting Needs

Council Reports



CBFWF-  
SOTR

Filter, Extract, Summarize Relevant Data



StreamNet



Regional Database Access

NWHI- IBIS

CA



Collaborate on Data Sharing Format,  
Standardization and Documentation

PNAMP

StreamNet



Manage and Store  
Data and Metadata



NWHI- IBIS

Collect Data and  
Document Methods and Protocols



RHT-HEP

# PERC Recommendations for the Projects

NHI- IBIS

## NHI-IBIS

HEP

StreamNet

PNAMP

CBFWF-  
SOTR

1. Carry contract forward for three months into FY2013 at a \$25,000 level. PERC recommends no further funding for NHI.
2. BPA to work with NHI to store unique data at StreamNet.

# PERC Recommendations for the Projects

## HEP

NHI- IBIS

HEP

StreamNet

PNAMP

CBFWF-  
SOTR

1. Reconvene the Wildlife Crediting Forum (WCF) to address needs and future plans for HEP; specifically on:
  - a. As first priority, the need to access information from NHI.
  - b. The need, if any, of future HEP surveys
    - Describe the need,
    - Frequency and duration,
    - Succession plan.
  - c. The need to archive the existing vegetation transect data.
2. The WCF should develop recommendations for review by the Fish & Wildlife Committee by January 1<sup>st</sup> 2013, or sooner.

# PERC Recommendations for the Projects

## StreamNet

NHI- IBIS

HEP

StreamNet

PNAMP

CBFWF-  
SOTR

1. Budget reduction within the range of 10 to 15%, which is commensurate with the reduction being sought from project managers throughout the Columbia River Basin.
2. Provide an ongoing forum consisting of Council and BPA staff, and fish and wildlife manager representatives to direct data management including an annual policy guidance meeting with the Council's Fish and Wildlife Committee.
3. Those collecting data should use BPA funds only to collect Columbia River Basin data and should prioritize entering that data into Streamnet.



# PERC Recommendations for the Projects

NHI- IBIS

HEP

StreamNet

**PNAMP**

CBFWF-  
SOTR

## PNAMP

1. Budget reduction within the range of 10 to 15%, which is commensurate with the reduction being sought from project managers throughout the Columbia River Basin.
2. In addition BPA should, through direct contracting, find efficiencies in contracted services.
3. PNAMP to report annual priorities to, and seek policy level guidance from, the Council's Fish and Wildlife Committee on an annual basis.

# PERC Recommendations for the Projects

## SOTR transition to technical services

NHI- IBIS

1. Discontinue the Status of the Resources Report.

HEP

2. Council and BPA develop a staff steering committee to develop a one-year scope of work to provide technical services for the Fish and Wildlife Program reporting needs. Scope of work based upon identified gaps to be filled resulting from absence of the SOTR.

StreamNet

PNAMP

3. No later than January 2013, the steering committee will recommend the most economically efficient means to satisfy the scope of work.

CBFWF  
-SOTR

# PERC Recommendations for the Projects

## Fish Screening Oversight Committee

NHI- IBIS

HEP

StreamNet

PNAMP

**CBFWF  
-SOTR**

1. BPA continue to support the quarterly teleconference meetings and annual training and workshops of the Fish Screening Oversight Committee.

# Questions ?