

# 2010 Yakima Basin Science & Management Conference

June 16th

8:00 to 5:00

@ CWU's  
Science  
Building

June 17th

8:30 to 5:00

## Purpose:

To provide a comprehensive overview and exchange of ideas about the most current biological science and resource management activities in the Yakima Basin.



YAKIMA BASIN  
FISH AND WILDLIFE  
RECOVERY BOARD



For more info:  
[www.ykfbp.org](http://www.ykfbp.org)

# Welcome To Central Washington University and the Yakima Basin Science and Management Conference

Overview of Fishery Activities  
Dave Fast, Yakama Nation

# Conference History

1. Contractual Deliverable for BPA YKFP Projects
2. Expanded to Include other Basin Science Programs (BOR, NOAA, USF&WS, CWU)
3. Relationships of How Management Decisions are Influenced by Science
4. Reduced Habitat Program Presentations
5. YBFWRB - Subbasin Plans and Recovery Actions

# YKFP Deliverables

## Updates on the Cle Elum Spring Chinook Supplementation Program

- Homing
- Distribution
- Genetics
- Reproductive Success
- Precocialism
- Domestication
- Non-Target Taxa
- Predation by Birds and Fish

# Bird Predation



# Predator or Protector?



# Pelicans At Horn Rapids Dam



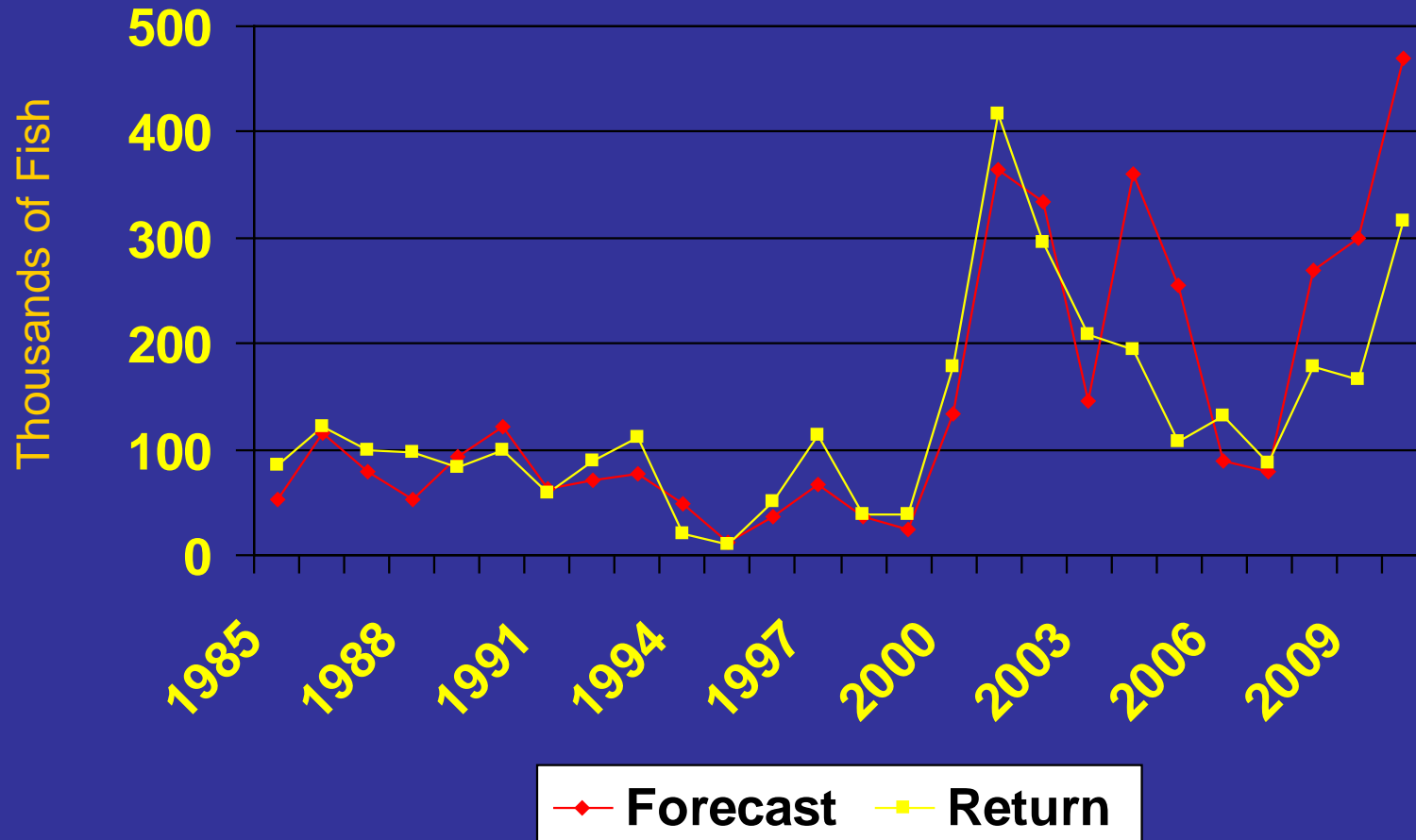
# Forecasting Spring Chinook Returns to the Columbia River

2009 - Has the jack predictor resulted in increased divergence between forecasted and actual returns in recent years?

- > Can we correct for this?
- > Did it work in 2010?



# Forecasted vs Actual Returns of Col. R. Spring Chinook, 1985 - Present



Data Source: Columbia River Joint Staff Report, Jan. 26, 2009

<http://wdfw.wa.gov/fish/crc/crcindex.htm>

# YKFP Deliverables

## Updates on the Other Salmon Enhancement

- Coho Reintroduction
- Fall Chinook Supplementation
- Summer Chinook Reintroduction
- Steelhead Monitoring

# Summer Chinook Eggs



# Other Salmonid Programs

## Updates on the Other Programs

- Steelhead Kelt Reconditioning
- Steelhead Population Monitoring
- Sockeye Reintroduction

# Sockeye Spawning in Cle Elum





# Habitat Programs

- The Nile Slide and Impacts
- Yakima River Basin Water Enhancement
- Flow Issues and Side Channels
- Tributary Access & Floodplain Restoration
- Engineered Log Jam

# Wildlife Programs

- Beaver Reintroduction

# Sampling in Winter







# **Overview of Habitat Activities in the Yakima Basin**

**Alex Conley  
YBFWRB**

# Keynote Speaker Eric Quaempts

Director

Department of Natural Resources

Confederated Tribes of the Umatilla Indian  
Reservation