



# Coho Salmon Recovery in the Central California Coast

P.A.C.T.

Priority Action Coho Team

DFG/NOAA

# P.A.C.T. Mission Statement

*DFG and NMFS, in the context of their authorities and the State and Federal coho salmon recovery plans, will:*

- (1) collaborate with other agencies and community entities,*
- (2) seek to identify clear objectives, develop specific priority action plans,*
- (3) identify new and available resources to expedite immediate actions to prevent imminent extirpation of populations within the CCC coho salmon ESU.*

# Why this mission is critical

*“...conditions have worsened for populations in this ESU since the last formal status review was published (Good et al. 2005).....the risk of extinction for CCC Coho Salmon ESU appears to have increased since 2005.....”*

NOAA Status Review, March 2011

# PACT Structure

- Management Committee – DFG  
Regional Managers, DFG Chief Fisheries Branch, NMFS Area Office Manager
- Coordination Committee – DFG/NOAA  
senior fisheries managers, coho recovery coordinators
- Technical Working Groups – reps. From  
state and federal agencies, NGO's,  
RCD's etc.

# Technical Working Groups

1. Habitat protection and restoration (co-leads: Joe Pisciotto DFG; Bob Coey, NOAA)
2. Fish rescue, translocation, captive rearing (co-leads: Manfred Kittel, DFG; Jeff Jahn, NOAA)
3. Water - instream flow conservation (co-leads: Cori Grey, DFG; Dave Hines, NOAA)
4. Regulations, permitting, enforcement (co-leads: Jon Ambrose, NOAA; Gregg Martinelli, DFG)
5. Funding (co-leads: Eric Larson, DFG; Joe Pecharich, NOAA)
6. Public education and outreach (co-leads: Gail Seymour, DFG; Charlotte Ambrose, NOAA)

# 1. **Habitat protection & restoration**

- Priority stream restoration
- Barrier removal priorities
- Land use improvements
- Instream habitat improvements
- Riparian habitat restoration
- Stream protection priorities

## 2. Captive rearing, translocation & fish rescue

- Fish rescue or translocation
- Captive rearing and conservation hatcheries
- Spawning survival augmentation

### 3. **Water - instream flow conservation**

- Will identify where flow impairment is a significant issue for coho recovery
- The mechanisms to improve conditions will be identified and procedures for them to be implemented established
- Water quality improvement priorities



# 4. Regulatory, permitting & enforcement

- Permitting
- Law enforcement
- Other regulatory

# 5. Funding

- Federal funding sources
- State funding sources
- Other sources

## 6. Education, outreach and media interaction

- Public/agency education/information supply
- Outreach to general public
- Interaction with media e.g. TV, radio, newspapers

# Roles of Technical Work Groups

- To develop a process to consult with local and watershed reps. to assess priority actions
- To identify the highest priority actions for immediate implementation
- To propose priority actions which build from state and federal recovery plans
- To identify priority actions with an ESU perspective & site specific actions
- To focus restoration activities on coho declines in highest priority watersheds and geographical areas

# Organization of Technical Work Groups

- Technical Working Groups are led by DFG/NOAA co-chairs
- ESU level reps. from both agencies form the core of the groups
- Local or watershed reps. from other entities will also be invited to join

# Planned Outputs

- Advice to DFG/NOAA on priority actions to recover CCC coho salmon
- Progress report due to Coordination Group within 3 months and a final draft within 6 months (early in 2012)
- Report will include a timeline for implementation and potential obstacles will be identified

# Where are we now?

- Progress to date has largely involved establishing and coordinating the various management, coordination and technical work groups
- NMFS & DFG representatives from each TWG have met a few times
- Preliminary materials have been developed
- A PACT document has been finalized
- CRT members and others are invited to join and a NMFS/DFG letter will be sent to each organization officially requesting participation

# What about the SONCC ESU?

- At present no PACT group is planned for the SONCC ESU
- Coho populations in SONCC streams are generally in better shape than in CCC streams
- However, regional priority focused action efforts are underway in critical areas e.g. Mattole, Shasta
- The situation may change in the future



**Any Questions?**