

**Southwest Fisheries Science Center, NOAA Fisheries  
Scripps Institution of Oceanography  
California Department of Fish & Game**

**CalCOFI Conference**

**Scripps Institution of Oceanography  
Sumner Auditorium  
5-7 December 2005**

**Monday, 5 December 2005**

Mon: 11:00am-1:00pm                      CalCOFI Registration Opens: Sumner Auditorium Portico

Mon: 1:00pm-1:30pm                      Welcome & Opening Remarks: Elizabeth Venrick & Charleen Johnson  
*Scripps Institution of Oceanography, La Jolla, CA*

**SESSION I: STATUS OF THE CALIFORNIA CURRENT**

Mon: 1:30pm-2:30pm                      Bill Peterson. *NOAA/NMFS/NWFSC, Hatfield Marine Science Center, Newport, Oregon*

**SESSION II: STATUS OF CALIFORNIA'S FISHERIES**

Moderator: Laura Rogers-Bennett - *California Dept. of Fish & Game, Bodega Bay, CA*

Mon: 2:30pm-2:45pm                      Squid and Pelagics  
Valerie Taylor, *CDFG Los Alamitos*

Mon: 2:45pm-3:00pm                      Highly Migratory Species  
Steve Wertz, *CDFG Aliso Viejo*

Mon: 3:00pm-3:15pm                      Groundfish Stock Assessment Results  
Ed Roberts, *CDFG Los Alamitos*

Mon: 3:15pm-3:30pm                      Recreational  
Mike Connell, *CDFG Santa Cruz*

Mon: 3:30pm-3:50pm                      **BREAK** (Registration Continues)

**SESSION II: (continued)**

Mon: 3:50pm-4:05pm                      Ocean Salmon  
Marc Heisdorf, *CDFG Santa Rosa*

Mon: 4:05pm-4:20pm                      Lobster and Sea Urchin Fisheries  
Kristine Barsky, *CDFG Ventura*

Mon: 4:20pm-4:35pm                      Nearshore Live Fish  
Debra Wilson-Vandenberg, *CDFG Monterey*

Mon: 5:00pm                                      **Bus – Shuttle Begins**  
(Sumner Auditorium to Upper Campus – Eucalyptus Point Conference Center)

**RECEPTION / DINNER**

Mon: 5:30pm-9:00pm                      **Reception & Catered Buffet Dinner**  
(Upper Campus - Eucalyptus Point Conference Center)

## Tuesday, 6 December 2005

Tues: 08:00am-8:30am Registration – Sumner Auditorium Portico

### SESSION III: Symposium of the Conference: “CalCOFI: The sum of the parts”

Moderator: Elizabeth Venrick - *Scripps Institution of Oceanography, La Jolla, CA*

Tues: 8:30am-8:40am Introduction to the Symposium: **Elizabeth Venrick**, Symposium Convenor

Tues: 8:40am-9:20am Long Term Warming in the California Current - **David B. Field**,  
*Monterey Bay Aquarium Research Institute, Moss Landing, CA*

Tues: 9:20am-10:00am Seabirds and CalCOFI: Patterns of Response to Temporal Environmental Variability over Nineteen Years (1987-2005)” - **William J. Sydeman**<sup>1,2</sup> Chris Rintoul<sup>1</sup>, K. David Hyrenbach<sup>1,3</sup>, Richard R. Veit<sup>4</sup>, and John A. McGowan<sup>2</sup>  
<sup>1</sup>*Marine Ecology Division, PRBO Conservation Science, Stinson Beach, CA*  
<sup>2</sup>*Integrative Oceanography Division, Scripps Institution of Oceanography, La Jolla, CA*  
<sup>3</sup>*School of Fisheries and Aquatic Sciences, University of Washington, Seattle, WA*  
<sup>4</sup>*Department of Biology, College of Staten Island, Staten Island, N.Y.*

Tues: 10:00am-10:20am **BREAK**

Tues: 10:20am-11:00am Oceanographic observations in the Mexican sector of the California Current from 1997 to 2005 - **Bertha E. Laveniegos**<sup>1,3</sup>, G. Gaxiola-Castro<sup>1</sup> R. Durazo<sup>2</sup>, J. Gomez-Valdés<sup>1</sup>, T. R. Baumgartner<sup>1</sup>, J. García-Córdova<sup>1</sup>  
<sup>1</sup>*División de Oceanología, Centro de Investigación Científica y Educación Superior de Ensenada, Ensenada, Baja California*  
<sup>2</sup>*Facultad de Ciencias Marinas, Universidad Autónoma de Baja California, Ensenada, Baja California*  
<sup>3</sup>*Integrative Oceanography Division, Scripps Institution of Oceanography, La Jolla, CA*

Tues: 11:00am-11:40am Primary Production in the California Current, Lessons from the North – **Francisco Chavez**  
*Monterey Bay Aquarium Research Institute, Moss Landing, CA*

Tues: 11:40am-12:20pm Marine Mammal Monitoring and Habitat Investigations – **Melissa Soldevilla**<sup>1</sup>, S. M. Wiggins<sup>1</sup>, J. Calambokidis<sup>2</sup> and John A. Hildebrand<sup>1</sup>  
<sup>1</sup>*Scripps Institution of Oceanography, La Jolla, CA*  
<sup>2</sup>*Cascadia Research Collective, Olympia, WA*

### LUNCH

Tues: 12:20pm-1:30pm Catered buffet lunch, Sumner Auditorium Portico

### SESSION III (continued)

Tues: 1:30pm-2:10pm California Current Ecosystem, the newest Long Term Ecological Research (LTER) site – **Mark D. Ohman**, *Scripps Institution of Oceanography, La Jolla, CA*

Tues: 2:10pm-2:20pm PaCOOS update - **John Hunter**  
*Southwest Fisheries Science Center/SIO, La Jolla, CA*

### SESSION IV: Contributed Talks

Tues: 2:20pm-2:40pm PHYTOPLANKTON Fe LIMITATION IN THE SOUTHERN CALIFORNIA CURRENT SYSTEM: THE ROLE OF Fe IN A NON-HNLC WEAK UPWELLING REGIME – **Andrew L. King**<sup>1</sup> and Kathy Barbeau<sup>1</sup>  
<sup>1</sup>*Scripps Institution of Oceanography, La Jolla, CA*

Tues: 2:40pm-3:00pm CHEMICAL CHARACTERIZATION AND RADIOCARBON DATING OF DISSOLVED ORGANIC MATTER (DOM) EXTRACTED ONTO HYDROPHOBIC RESIN – **Roman P. de Jesus**<sup>1</sup> and Lihini I. Aluwihare<sup>1</sup>  
<sup>1</sup>*Scripps Institution of Oceanography, La Jolla, CA*

Tues: 3:00pm-3:30pm **BREAK**

**SESSION IV: Contributed Talks (continued)**

Moderator: Ralf Goericke, *Scripps Institution of Oceanography, La Jolla, CA*

Tues: 3:30pm-3:50pm DISTRIBUTION AND ABUNDANCE OF KRILL AND KRILL- PREDATORS IN THE GULF OF THE FARALLONES – **Jaime Jahncke**<sup>1</sup>, Benjamin L. Saenz<sup>1</sup>, Chris Rintoul<sup>1</sup> and William J. Sydeman<sup>1</sup>  
<sup>1</sup>*PRBO Conservation Science, Marine Ecology Division, Stinson Beach, CA*

Tues: 3:50pm-4:10pm EXTENT OF FISH CONTAMINATION OF POTENTIAL RISK TO BIRD AND MAMMAL PREDATORS ON THE SOUTHERN CALIFORNIA SHELF IN 1998 – **M. James Allen**<sup>1</sup>, Ami K. Groce<sup>2</sup>, and James A. Noblet<sup>3</sup>  
<sup>1</sup>*Southern California Coastal Water Research Project, Westminster, CA*  
<sup>2</sup>*City of San Diego, Metropolitan Wastewater Department, San Diego, CA*  
<sup>3</sup>*California State University, San Bernardino, San Bernardino, CA*

Tues: 4:10pm-4:30pm THE ROCKFISH RESOURCES OF THE SOUTH CENTRAL COAST OF CALIFORNIA: ANALYSIS OF THE RESOURCE, 1980-2005 – **John Stephens**<sup>1,2</sup>, Dean Wendt<sup>1</sup>, Debra Wilson-Vandenberg<sup>3</sup>, Jay Carroll<sup>4</sup>, Royden Nakamura<sup>1</sup>, Erin Nakada<sup>1</sup>, Steven Rienecke<sup>1</sup>, and Jono Wilson<sup>1</sup>  
<sup>1</sup>*California Polytechnic State University, San Luis Obispo*  
<sup>2</sup>*Vantuna Research Group, Occidental College, Los Angeles*  
<sup>3</sup>*California Department of Fish and Game*  
<sup>4</sup>*Tenera Environmental, Inc.*

Tues: 4:30pm-7:30pm POSTER PRESENTATIONS, Wine & Cheese Reception  
(*Vaughan Hall 100; north side of Sumner Auditorium*)  
Distribution of CalCOFI Report, Volume 46

**Wednesday, 7 December 2005**

Wed: 08:00am-09:am Registration/Information

**SESSION IV: Contributed Talks (continued)**

Moderator: Nancy Lo, *Southwest Fisheries Science Center, La Jolla, CA*

Wed: 09:00am-09:20am COMPARISON OF CALIFORNIA CURRENT AND EQUATORIAL PACIFIC VARIABILITY ON INTERANNUAL AND DECADAL SCALES – **Jerrold G. Norton**<sup>1</sup>, Steven J. Bograd<sup>1</sup>, Franklin B. Schwing<sup>1</sup>, and Daniel M. Palacios<sup>1</sup>  
<sup>1</sup>*Environmental Research Division, Southwest Fisheries Science Center, Pacific Grove, CA*

Wed: 09:20am-09:40am CONTRASTIVE TEMPERATURE OPTIMUMS FOR ANCHOVY AND SARDINE SPAWNING BETWEEN BOTH SIDES OF THE NORTH PACIFIC: OPTIMAL GROWTH TEMPERATURE HYPOTHESIS EXTENDED – **Akinori Takasuka**<sup>1</sup>, Yoshioki Oozeki<sup>1</sup>, and Hiroshi Kubota<sup>1</sup>  
<sup>1</sup>*National Research Institute of Fisheries Science, Fisheries Research Agency, Japan*

Wed: 09:40am-10:00am SEASONAL TEMPERATURE DYNAMICS OF THE INNER SOUTHERN CALIFORNIA BIGHT – **Craig Gelpi**<sup>1</sup> and Karen Norris<sup>2</sup>  
<sup>1</sup>*Northrop Grumman XonTech Systems, Van Nuys, CA*  
<sup>2</sup>*Department of Atmospheric and Oceanic Sciences, University of California, Los Angeles*

Wed: 10:00am-10:20am

**BREAK**

**SESSION IV: Contributed Talks (continued)**

Moderator: Kevin Hill, *Southwest Fisheries Science Center, La Jolla, CA*

Wed: 10:20am-10:40am

A DECADE OF CHANGE: AN EXAMINATION OF VARIABILITY IN THE DISTRIBUTION OF PACIFIC HAKE (*Merluccius Productus*) IN THE NORTHERN REACHES OF THE CALIFORNIA CURRENT ECOSYSTEM – **K. D. Cooke**<sup>1</sup>, J. Holmes<sup>1</sup>, G. Fleischer<sup>2</sup>, R. Thomas<sup>2</sup>, and P. Ressler<sup>3</sup>  
<sup>1</sup>*Fisheries & Oceans, Canada, Pacific Biological Station, Nanaimo, BC*  
<sup>2</sup>*National Marine Fisheries Service, Montlake Lab, Seattle, WA*  
<sup>3</sup>*National Marine Fisheries Service, Newport Lab, Newport, OR*

Wed: 10:40am-11:00am

INTERANNUAL AND SPATIAL VARIATION IN YOUNG-OF-THE-YEAR ROCKFISH: EXPANDING AND COORDINATING THE SAMPLING FRAME – **Keith M. Sakuma**<sup>1</sup>, Stephen Ralston<sup>1</sup>, and Vidar G. Wespestad<sup>2</sup>  
<sup>1</sup>*National Marine Fisheries Service/SWFSC Santa Cruz, CA*  
<sup>2</sup>*Pacific Whiting Conservation Cooperative, Seattle, WA*

Wed: 11:00am-11:20am

IRON-LIGHT CO-LIMITATION OF PHYTOPLANKTON AT THE SUBSURFACE CHLOROPHYLL MAXIMUM IN NON-HNLC REGIONS – **Brian Hopkinson**<sup>1</sup> and Kathy Barbeau<sup>1</sup>  
<sup>1</sup>*Scripps Institution of Oceanography, La Jolla, CA*

Wed: 11:20am-11:40am

ANALYSIS OF HARVESTING STRATEGIES OF THE SPINY LOBSTER OF BAJA CALIFORNIA, MEXICO – Marisela Gorostieta<sup>1</sup> and **Ernesto A. Chavez**<sup>1</sup>  
<sup>1</sup>*Centro Interdisciplinario de Ciencias Marinas, I.P.N, La Paz, B.C.S, Mexico*

Wed: 11:40am-12:00pm

DECADE TO CENTURY CHANGES IN THE CALIFORNIA CURRENT: AN UPDATE – **John McGowan**  
*Scripps Institution of Oceanography, La Jolla, CA*

**LUNCH**

Wed: 12:00am-1:30pm

Box Lunch, Sumner Auditorium Portico

**SESSION V.: WORKSHOPS**

Wed: 1:30pm-2:30pm

DATA MANAGEMENT WORKSHOP - **Karen S. Baker**<sup>1</sup>, **Richard Charter**<sup>2</sup>, and **James Wilkinson**<sup>1</sup>  
<sup>1</sup>*Scripps Institution of Oceanography, La Jolla, CA*  
<sup>2</sup>*Southwest Fisheries Science Center, La Jolla, CA*

Wed: 2:30pm-3:30pm

PACOOS SAMPLING STRATEGIES ESTABLISHING REGIONAL COHERENCE WITHOUT SACRIFICING LOCAL TIME SERIES - **Bill Peterson**<sup>1</sup> and **Dave Checkley**<sup>2</sup>  
<sup>1</sup>*NOAA/NMFS/NWFSC, Hatfield Marine Science Center, Newport, Oregon*  
<sup>2</sup>*Scripps Institution of Oceanography, La Jolla, CA*

**Conference Ends**