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17TH CONFERENCE FOR SHELLFISH GROWERS

MARCH 2 - 3, 2009

ALDERBROOK RESORT AND SPA
UNION, WASHINGTON

Convened by Washington Sea Grant
in cooperation with the Western Regional Aquaculture Center
and the Pacific Coast Section of the National Shellfisheries Association



MONDAY, MARCH 2, 2009

8:00 **Registration — Olympic Ballroom**

8:45 **Introduction and Welcome**

Natural and Hatchery Seed Issues

Moderator: Teri King, Washington Sea Grant

9:00 **Looking back at 80 years of oyster recruitment in our region: Willapa Bay, Puget Sound and British Columbia**

Dr. Alan Trimble, University of Washington, Department of Biology

9:30 **Oyster seed for the Pacific Coast industry**

Dick Poole, retired shellfish biologist

10:00 **Break**

10:30 **Pacific oyster seed mortality**

Colleen Burge, University of Washington, School of Aquatic and Fishery Sciences

11:00 **Hatchery and seed health update**

Dr. Ralph Elston, AquaTechnics, Inc.

11:30 **Lunch**

A Changing Landscape

Moderator: Steve Harbell, Washington Sea Grant/Washington State University Extension

12:30 **Climate impacts on harmful algal blooms in Puget Sound**

Dr. Vera Trainer, Northwest Fisheries Science Center

1:00 **SoundToxins: A harmful algal bloom and *Vibrio* monitoring program for Puget Sound**

Keri Baugh, Northwest Fisheries Science Center

1:30 **Status and trends of marine plants in Washington: kelp, eelgrass and what they mean to shellfish**

Dr. Tom Mumford, Washington State Department of Natural Resources

Down on the Farm

2:00 **An alternative method for oyster growing**

Tom Bloomfield, Chelsea Farms, LLC

2:30 **Remote setting and nursery operations for a small company**

John Adams, Sound Fresh Clams & Oysters

3:00 **Break**

Aquarius Workshop

3:30 **Computer simulation and statistical tool for modifying public health rainfall closure rules for shellfish harvest: Aquarius v.2 application demonstration for Arcata Bay, California**

Dr. Fred Conte and Dr. Abbas Ahmadi

4:30 **Potential Aquarius software applications in South Sound**

Andy Suhrbier, Pacific Shellfish Institute

5:30 **Reception — Conference Center B and C**

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TUESDAY, MARCH 3, 2009

8:00 **Registration — Olympic Ballroom**

8:25 **Introduction and Welcome**

Geoduck Aquaculture Investigations in Puget Sound: Digging Deep for Answers

Moderator: Dr. Ken Chew, Professor Emeritus, University of Washington

8:30 **Planting and harvest as disturbances in geoduck aquaculture: an overview and preliminary observations**

Dr. Glenn VanBlaricom, University of Washington Cooperative Fish and Wildlife Research Unit

9:30 **Local effects of geoduck aquaculture on a meadow of intertidal eelgrass in Samish Bay, Washington**

Micah Horwith, University of Washington, Department of Biology

10:00 **Break**

10:30 **Disease transmission in cultured and wild geoducks**

Dr. Carolyn Friedman, University of Washington, School of Aquatic and Fishery Sciences

11:00 **Hatchery geoducks: how different are they?**

Dr. Brent Vadopalas, University of Washington, School of Aquatic and Fishery Sciences

11:30 **Geoduck research roundtable discussion**

Noon **Adjourn**