

### ***Integrated Multi-Trophic Aquaculture: A workshop***

Integrated multi-trophic aquaculture (IMTA) involves the cultivation of multiple species that feed at different trophic levels in a single aquaculture system in order to increase efficiency and reduce environmental impacts. This workshop is designed to provide participants an effective overview of IMTA and will involve breakout sessions for discussing how IMTA may be useful for expanding aquaculture in the US.

LOCATION Peninsula College  
1502 East Lauridsen Boulevard  
Port Angeles, WA 98362  
<http://pc.ctc.edu>

### AGENDA

#### **September 14<sup>th</sup> 2010**

7:45-8:15 am

Registration and coffee

8:15-8:30 am

#### **Welcome and Introductory**

#### **Remarks**

Peter Becker, PACAQUA  
Tom Keegan, President, Peninsula College

#### **IMTA and US Aquaculture Policy**

Kate Naughten, NOAA

#### **IMTA Conceptual Framework:**

8:30-9:15 am

#### **IMTA Systems Modeling**

Joao Ferreira

#### **IMTA Regional Development:**

9:15-9:45 am

#### **History of IMTA Development in**

#### **Canada**

Steve Cross

#### **IMTA Components:**

9:45-10:05 am

#### **Finfish**

Mike Rust

10:05-10:25 am *Break*

10:25-10:45 am

#### **Feed Inputs**

Steven Hart

10:45-11:05 am

#### **Primary Producers**

Doug Ernst

11:05-11:25 am

#### **Filter Feeders**

TBA

11:25-11:45 am

#### **Deposit Feeders**

Jack Ganzhorn

11:50-12:50 pm *Lunch Provided*

#### **IMTA Concerns:**

1:00-1:20 pm

#### **Finfish Disease Concerns**

Grace Karreman

1:20-1:40 pm

#### **Shellfish Disease Concerns**

Michael Pietrak

1:40-2:00 pm

#### **Aquaculture Chemical/drug Use Concerns**

Jack Word

2:00-2:20 pm

#### **Species Selection**

John Forster

#### **IMTA Case Studies:**

2:20-2:40 pm

#### **Salt Water**

Steve Cross

2:40-3:00 pm

#### **Fresh Water**

Doug Ernst

3:00-3:20 pm *Break*

#### **IMTA Socioeconomics:**

3:20-3:40 pm

#### **Economics**

Gunnar Knapp

3:40-4:00 pm

#### **Community Acceptance**

Sebastian Belle

4:00-4:20

#### **Session Summary**

Peter Becker

**5:00-6:30 pm**

#### **Social Reception**

**September 15<sup>th</sup> 2010**

8:00-11:30 am

#### **Breakout Sessions and Summary**

1:00-4:30 pm

**Tour: American Gold Salmon Farm**

The Mission of the Pacific  
Aquaculture  
Caucus:

*“To promote economically  
viable and environmentally  
responsible aquaculture for  
the Pacific region through  
sound public policy and best  
available science”.*

**[www.pacaqua.org](http://www.pacaqua.org)**  
Contact:  
**[chairman@pacaqua.org](mailto:chairman@pacaqua.org)**

**Sponsors:**



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Peninsula College  
Port Angeles, WA



Pacific Aquaculture Caucus  
“Fisheries-Aquaculture Ideas  
Start Here”