

RECIRCULATING AQUACULTURE TECHNOLOGY WORKSHOP

Presented By: Dr. Thomas Losordo, Professor
Mr. Todd Guerdat, Graduate Research Assistant
North Carolina State University
Raleigh, North Carolina USA

May 22 & 23, 2010

Location: Hobart, Australia
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AUSTRALASIAN AQUACULTURE Conference Delegates receive a discount of AU\$100 on registration for this workshop. For information on the Australasian Aquaculture Conference go to: www.australian-aquacultureportal.com

About this Workshop:

Recirculating aquaculture technology (systems that recondition and reuse water) continue to attract attention and are the subject of considerable capital investment worldwide. This workshop is designed for a broad audience and seeks to provide participants with non-biased, research-based information about the design and management of recirculating aquaculture fish production systems. The information presented comes either from the first-hand research results, findings from the global research community, or the experiences of the presenters with commercial scale producers. Species that have been cultured in recirculating systems in North Carolina or NC State University are tilapia, yellow perch and southern flounder, summer flounder, hybrid striped bass, black sea bass, and three species of sturgeon. Workshop registration includes a technical workbook containing the prints of the powerpoint slide presentations (the powerpoint presentations are not available for distribution), a compact disc containing useful publications and spreadsheets, and coffee, tea and lunch for both workshop days.

About the Presenters:

Dr. Tom Losordo is a Professor in the Department of Biological & Agricultural Engineering at North Carolina State University. Dr. Losordo has earned a Bachelor degree in Biology and a Masters degree and Ph.D. in Agricultural Engineering. Involved in aquaculture for 35 years, Dr. Losordo currently heads a program of applied research and extension (public service) in the area of recirculating aquaculture production systems design, development and management. Known as the North Carolina Fish Barn project,

and in its 20th year of development, this program develops, evaluates and demonstrates new technology for freshwater and saltwater intensive farming of fish at the commercial scale. The program is currently centered around a commercial scale recirculating production system located on the campus of NC State University. Recently, the North Carolina State University acquired an interest in a sturgeon production facility. Known as the LaPaz project, this large scale recirculating facility serves as a research, demonstration and training center for the students and citizens of North Carolina. Additionally, NC State has recently developed a Marine Aquaculture Research Center in eastern NC. This coastal aquaculture facility, located on a saltwater creek in eastern NC, is currently focused on the development of treatment alternatives for saltwater wastes discharged from recirculating production systems growing various local marine species.

Mr. Todd Guerdat is currently a Graduate Research Assistant and PhD candidate in the Department of Biological and Agricultural Engineering. Todd has earned an Associates Degree in Aquaculture Technology from Brunswick Community College, a Bachelors of Science degree in Biology from the University of North Carolina at Wilmington, and a Masters of Science degree in Biological and Agricultural Engineering. Todd has worked as a research assistant operating the NC Fish Barn and has extensive experience in the construction, operation and management of both research scale and commercial scale recirculating aquaculture systems. Currently Todd is conducting PhD research at the NC State Marine Aquaculture Research Center on physical, biological, chemical means of treating marine aquaculture effluents.

Reservations: Reservations are essential, and only accepted with payment to the “Australasian Aquaculture 2010”. Online registration and other registration information can be found at: www.australian-aquacultureportal.com

**RECIRCULATING AQUACULTURE TECHNOLOGY WORKSHOP
REGISTRATION FORM**

Register Online or return one completed form with payment for each participant to:

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Each Registration @ **AU\$275** per person (GST inclusive) with Australasian Conference Registration (you must first be registered for the conference to be eligible for this discount. For conference information and registration go to: www.australian-aquacultureportal.com)

Each Student Registration @ **AU\$175** per person (GST inclusive) for the Recirculating Technology workshop only.

Each Registration @ **AU\$375** per person (GST inclusive) for the Recirculating Technology workshop only

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