

## RECIRCULATING AQUACULTURE TECHNOLOGY WORKSHOP

Presented by: Professor Tom Losordo

Dates: 28 & 29 April 2012

Venue: Northern Melbourne Institute of TAFE, Epping Campus



Costs: Workshop Attendance only – AU\$375

Attendance at Workshop if attending Australasian Aquaculture 2012 – AU\$275

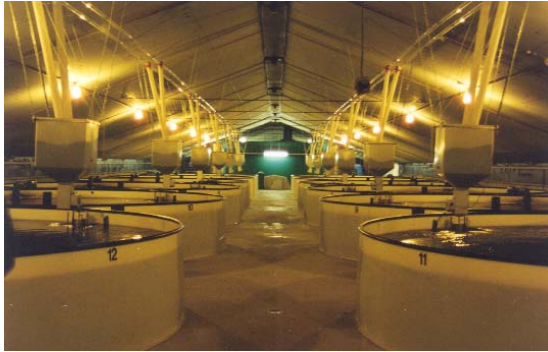
Students – AU\$175

(All figures in AUD, GST Inclusive)

**About the Workshop:** Recirculating aquaculture technology (systems that recondition and reuse water) continue to attract attention and are the subject of considerable capital investment in Australia and 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 presenter with commercial scale producers. Species that have been cultured in recirculating systems in Australia include Barramundi, Murray Cod, Silver Perch, Jade Perch, Eels, and Salmon in nurseries. 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.



Barramundi



Eel Production near Melbourne

Murray Cod



Salmon Nursery in Tasmania

**About the Presenters:** Dr. Tom Losordo is a Professor in the Department of Biological & Agricultural Engineering at North Carolina State University in the United State. Dr. Losordo has a Bachelor degree in Biology and an M.S. and Ph.D. in Biological and Agricultural Engineering. Having been involved in aquaculture for more than 37 years, Dr. Losordo currently heads a program of applied research and extension (public service) in the area of recirculating aquaculture production systems and the treatment of freshwater and marine aquaculture effluents. Known as the North Carolina Fish Barn program, and in its 21<sup>st</sup> year of development, this program develops, evaluates and demonstrates new technology for intensive fish farming at the commercial scale. While focusing on tilapia, hybrid striped bass, and more recently sturgeon, the Fish Barn program has also investigated the production of rainbow trout, yellow perch, southern flounder, ornamental gold fish and koi carp in recirculating aquaculture systems. 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.



The LaPaz Group / NC State recirculating sturgeon aquaculture facility

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.



NC State University Marina Aquaculture Research Center: Marine aquaculture waste treatment Research facility.

Reservations: Reservations are essential, and only accepted with payment to Australasian Aquaculture 2012. Online registration and other registration information can be found at: [www.australian-aquacultureportal.com](http://www.australian-aquacultureportal.com) or by contacting Sarah-Jane Day at: [sarah-jane.day@aquaculture.org.au](mailto:sarah-jane.day@aquaculture.org.au)

Remember, AustralAsian 2012 conference Delegates receive a \$100 discount on the normal registration for this workshop.

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