# AQUACULTURE 2010



THE INTERNATIONAL TRIENNIAL MEETING OF:







CO-SPONSORED BY:







March 1-5, 2010

Town & Country Resort and Conference Center San Diego, California



It's All Happening in San Diego!

American Tilapia Association American Veterinary Medical Association Aquacultural Engineering Society

Aquacultural Association of Canada

### **Associate Sponsors**

Asian Fisheries Society
Catfish Farmers of America
Global Aquaculture Alliance
International Association of Aquaculture
Economics and Management

Latin American Chapter WAS Striped Bass Growers Association US Marine Shrimp Farming Association US Trout Farmers Association

In Cooperation with: California Aquaculture Association



### **AQUACULTURE 2010**

### The Triennial is only every three years!

Every three years, the Triennial is held somewhere in the United States. In 2010, the Triennial returns to beautiful San Diego — one of America's favorite cities.

# THE TRIENNIAL IS THE LARGEST AQUACULTURE MEETING IN THE WORLD!

The Triennial is the largest aquaculture conference and tradeshow held in the world with nearly 4000 attendees from over 80 countries and even more countries are expected to have attendees at AQUACULTURE 2010. The Triennial combines the annual meetings of the **National Shellfisheries Association, Fish Culture Section of the American Fisheries Society** and the **World Aquaculture Society**. In addition to the annual meetings of the main sponsors, look what else is happening at AQUACULTURE 2010!

- AQUACULTURE AMERICA Annual Meeting of the U.S. Chapter of World Aquaculture Society, the National Aquaculture Association, and the U.S. Aquaculture Suppliers Association.
- Annual Meeting of the American Tilapia Association
- Annual Meeting of the Striped Bass Growers Association
- Annual Meeting of the U.S. Trout Farmers Association
- Special sessions organized by Aquacultural Engineering Society and International Association of Aquaculture Economics and Management
- Many other meetings of work groups, government agencies and related aquaculture activities
- Program with technical sessions and producer's seminars covering virtually all species grown by aquaculture
- AND look at all of the Associate Sponsors on the cover who are participating in the program development!

The last Triennial was held in 2007 in San Antonio where it was pronounced a huge success by the nearly 4000 people who attended. Don't miss this Triennial!

FOR MORE INFORMATION

### **AQUACULTURE 2010**

Conference Management Office P.O. Box 2302 Valley Center, CA 92082 USA

Questions: Tel: +1-760-751-5505 Fax: +1-760-751-5003

**REGISTER EARLY AND \$AVE!** 



### SAN DIEGO - GAS LAMP DISTRICT, OLD TOWN, **BEACHES, SEA WORLD, LEGOLAND, AND MORE!**

AQUACULTURE 2010 is the place to learn about the latest in aquaculture, see the newest technology in the trade show and have a great time in the many fantastic restaurants, and entertainment sites in San Diego - one of the top rated tourist destinations in the world!!! And, at the Town & Country Resort, there is a trolley that connects you to the downtown attractions and more!

### EXPANDED PRODUCER PROGRAM

Aguaculture America is known for the high quality of its Producer Program organized by National Aquaculture Association. AQUACULTURE 2010 will continue to expand the size and scope of the producer program to address all of the issues facing producers in the U.S. as well as around the world.

Aquaculture 101 Marketing Offshore Aquaculture

Organic Aquaculture: Future Opportunities

Aquatic Animal Health

Federal Town Hall Species Industry Updates Seafood Buyers Tell All National Issues Update

### A CRITICAL TRADE SHOW FOR AQUACULTURISTS!

AQUACULTURE 2010 will have the largest aquaculture trade show in the Western Hemisphere and one of the largest anywhere in the world with over 200 booths! This is your opportunity to inspect the latest in products and services for the aquaculture industry. It is the place to visit current suppliers and make new contacts. To keep ahead and to keep profits building, you need to keep pace with the technological advancements in the industry - and AQUACULTURE 2010 is the place to do it!

### TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

The Triennial Sponsors will put together an extensive technical program featuring special sessions, contributed papers and workshops on all of the species and issues facing aquaculturists around the country. Sample topics will include:

**Ancient Fishes** Biotechnology

Black Sea Bass

Catfish

Crustaceans

**Ecology & Environment** 

**Economics** Education Fels

Engineering Extension/Technology Transfer

Feeds

Finfish Breeding, Genetics, Genomics

Flatfish

Freshwater Finfish

Freshwater Pond Aquaculture Health & Disease

LMB or prawns Macrobrachium Marine Finfish

Larval Finfish

Marine Ornamentals '10 Market Efficiency

Non-traditional Aquaculture

Nutrition

Offshore Aquaculture

Ornamentals Perchids

Physiological Insights Towards Improving

Fish Culture - II Policy & regulations

Rural Aquaculture in Latin America

Sea Lice Shellfish Shrimp

Stock Enhancement Striped Bass & Hybrids Therapeutic Drug Research

Tilapia

Water Quality & Effluents

### YOUR FULL CONFERENCE REGISTRATION **INCLUDES:**

Only pre-registered attendees are guaranteed materials.

- Admission to all sessions, seminars and the trade show
- Admission to the President's Reception
- Conference bag, Abstract CD and Show Directory (except for spouse)
- Refreshment Breaks and Cash Bar Happy Hour
- Students receive the full registration package plus the Student Reception. To qualify for the student rate, a copy of your student I.D. is required.



# **CALL FOR PAPERS** – DEADLINE: August 31, 2009

AQUACULTURE 2010 encourages the submission of high quality oral and poster presentations. We strongly encourage authors to consider poster presentations because poster sessions will be an integral part of the program. Papers submitted for "oral presentation only" may not be accepted as oral presentations due to the limited number of available time slots. All abstracts must be in English – the official language of the conference.

Each oral presenter shall be entitled to no more than 12 minutes for a presentation, plus 3 minutes for questions. Authors of studies involving proprietary products or formulations should present this information in workshops or the trade show. Oral presentations should use Power Point. Slides, overhead projectors and video players will not be available or allowed.

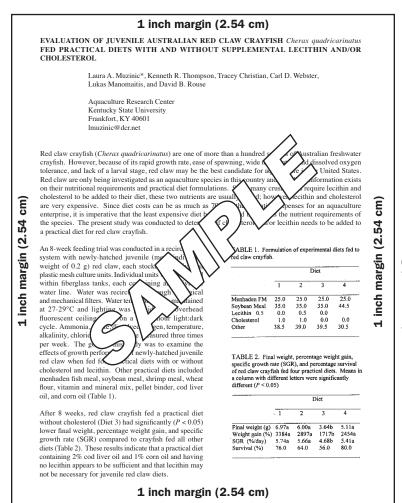
All presenters are required to pay their own registration accommodation and travel expenses. AQUACULTURE 2010 cannot subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed - a CD Abstract Book will be given to registered attendees.

### **INSTRUCTIONS FOR PREPARATION OF ABSTRACTS**

**Expanded Abstract Format - Please refer to the sample.** 

- 1. TITLE OF PAPER: The abstract title is printed in CAPITAL LETTERS, with the exception of scientific names which should be Upper/lower case and italicized (see example). Scientific names should not be preceded or followed by commas or parentheses or other markings.
- AUTHOR(S): The first name should be the presenting author. Use \* after the presenting author. Type in upper/lower case.
- 3. ADDRESS AND EMAIL: Type only the <u>presenting</u> <u>author's</u> institution, address and email. Type in upper/lower case.
- 4. MAXIMUM LENGTH: One Page
- **5. PAGE SIZE:** Standard 8.5 x **11** inch paper (portrait)
- **6. MARGINS: 1-**inch margin throughout (left/right/top/bottom)
- 7. SPACING: Single spaced
- 8. PARAGRAPHS: Paragraphs should be separated by a blank line and should not be indented.
- 9. FONTS: Character fonts should be 12 point type.
- 10. FIGURES & TABLES: Figures and tables are highly recommended. They should be reduced to the appropriate size for a one page abstract and should be clearly readable at the reduced size. The reduced figures and tables should be included in the abstract in camera-ready form.



8.5 inches wide (21.6 cm)

### **PLEASE SUBMIT YOUR ABSTRACT ONLINE**

Submit your abstract via the internet at the meeting website. Follow the complete instructions on the website for online submission.

www.was.org

If you are unable to submit your abstract online, contact the Conference Manager for alternative methods at:



For bank transfer details, contact us.

# AQUACULTURE 2010

March 1-5, 2010 • San Diego, California

Return address for payments in USD:
AQUACULTURE AMERICA 2009
Conference Manager
P.O. Box 2302
Valley Center, CA 92082 USA
Tel: +1 760 751 5005
Fax: +1 760 751 5003
Email: worldaqua@aol.com

Online registration is preferred at www.was.org OR fax or mail both sides with payment. Use one form per person.

	PLEASE PRINT (	CLEARLY OR TYPE	Ī	
NAME BADGE INFORMATION: (As you want y	our name badge to read -	- No titles, please)		
First Name	SURN	IAME (FAMILY NAME) _		
Company / Institution(Limited to 40 Letters	0. Co			
Country				
Country				
MAILING INFORMATION: Email				
Address				
City	State / Prov	Postal Code	Country	
Tel	Fax		Title: (circle one)	Dr. Mr. Ms. Mrs.
(Include country and area code)  REGISTRATION FEES: In order to receive the See 1st announcement for what is included in	e discount rates as listed	country and area code) below, this form and pay	ment must be received by	the date listed.
TYPE OF REGISTRATION Check the appropriate boxes	Register by January 25, 2010	Register by February 12, 2010	Register after February 12, 2010	*To qualify for Member Rate you <u>must</u> complete
ASSOCIATION MEMBER RATE*	US\$ 395	US\$ 495	US\$ 595	the Association Memberships section
STUDENT MEMBER RATE* Include copy of Student I.D.	US\$ 195	US\$ 195	US\$ 255	on the reverse side.
Non-Member Rate	US\$ 490	US\$ 590	US\$ 690	Trade Show is included
Student Non-Member Rate Include copy of Student I.D. You can join WAS on the reverse side and use the Member Rate.	US\$ 250	US\$ 250	US\$ 315	in the Full Conference Registration Rate.
Spouse Rate	US\$ 295	US\$ 390	US\$ 455	TOTAL REGISTRATION FEE
Name	03φ 293			US\$
TRADE SHOW PASS – Good for 3 days admi	ssion to exhibits only – Marc		w pass is included with the F	
		US\$ 50	TOTAL TRADE SHOW PASS	US\$
INDUSTRY TOURS See website for current to				
MEMBERSHIP DUES – Enter amount from M			TOTAL MEMBERSHIP DUES	US\$
Do not mail registration after Feb. 1, 20 After those dates, bring this form with	*	ow.	TOTAL AMOUNT US	S\$
Registration Confirma	ation and Rec	eipt will be e	emailed after p	processing.
CANCELLATION POLICY: Cancellation of registration in handling fee. Refunds are processed after the confere 2010, no refunds will be made for professional or perfor memberships are non-refundable.	nce. No refund will be made	for cancellations received af	fter February 20, 2010 or for "r	no shows". After February 20,
PAYMENT METHOD: All fees must be pa	id to the order of AQUACUL	TURE 2010.		
Check #	Visa Mastero	card American Ex	kpress	
Card #		Expiration Date		
Name on Card		Signature		Date

#### **REGISTRATION FORM - SIDE 2**

Name			TOUACULTURE 2010
ASSOCIATION MEMBERSHIPS: P Membership in any of those association at any time before	tions qualifies you	for the Member Rate*	on the Registration Fees. You can
<ul> <li>□ American Tilapia Association</li> <li>□ American Veterinary Medical Association</li> <li>□ Aquacultural Engineering Society</li> <li>□ Aquaculture Association of Canada</li> <li>□ Aquaculture Without Frontiers</li> <li>□ Asian Fisheries Society</li> <li>□ California Aquaculture Association</li> <li>□ Catfish Farmers of America</li> <li>□ China Society of Fisheries</li> <li>□ Egyptian Aquaculture Society</li> <li>□ European Aquaculture Society</li> </ul>	Economics ar  Korean Aquaculi	ure Alliance acculture Society sociation of Aquaculture d Management ure Society & Caribbean Chapter WAS ries Society Iture Association Iture Council	<ul> <li>□ Sociedad Brasiliera de Acuicultura</li> <li>□ Society of Aquaculture Professionals</li> <li>□ South African Aquaculture Society</li> <li>□ Spanish Aquaculture Association</li> <li>□ Striped Bass Growers Association</li> <li>□ US Marine Shrimp Farming Association</li> <li>□ US Chapter of WAS (USAS)</li> <li>□ US Trout Farmers Association</li> <li>□ World Aquaculture Society</li> <li>□ World Aquatic Veternary Medical Association</li> </ul>
MEMBERSHIP APPLICATIONS	□ NEW APPLIC	CATION - RENE	WAL
		SHERIES ASSO	
For details on the differer		ships and options pleas shellfish.org	se call the NSA office at:
MEMBERSHIP CATEGORY: (Indicate		g	
☐ Regular (USD 85/yr) ☐ Str	ıdent (USD 45/yr)		
Includes subscription to the <b>Journal of Shellfish Researc</b>	ch	Total Amou	essor or copy of Student ID required  It for NSA Membership USD_  "Membership Dues" section on opposite side of this form.
FISH CULTURE SE			
	memberships and : +1-301-897-8616	options please call the I Fax: +1-301-897-809	
☐ Affiliate Membership \$50.00 Inclues only: subscription to the North American Journal and a copy of Sea Fare (the official AFS cookbook)		Total Amou	nt for FCS Membership USD_ "Membership Dues" section on opposite side of this form.
WORLD AQUACULTUF For details on the different type Tel: +1-225-578-3	es of memberships	and options, please co	_
MEMBERSHIP CATEGORY: (Indicate	only one)	CHA	APTER OPTIONS: (Must have active

MEMBERSHIP CATEGORY: (Indicate only one)		
☐ Individual (USD 60/yr) Applies to an individual only		
☐ Student (USD 40/yr) (Copy of Student ID or Signature of Professor required)		
Sustaining (USD 100/vr) Applies to any one individual from a company		

□ **Corporate** (USD 270/yr) Allows <u>all</u> employees of <u>one</u> company to attend meeting at Member Rate

membership in one of the categories at left)

NABLE = PROFE

**□ US Chapter** (USD 5)

☐ Latin American/Carribean (USD 5)

☐ Southeast Asian Chapter (USD 5)

Total Amount for WAS Membership USD

Fees for memberships are non-refundable.

☐ **Lifetime** (USD 1000/yr) *Applies to an individual only* 

Please enter this amount under "Membership Dues" section on opposite side of this form.

### **NATIONAL AQUACULTURE ASSOCIATION (NAA)**

For details on the different types of memberships and options, please contact the NAA home office at:

Tel: +1-870-850-7900 Fax: +1-870.850.7902 Email: naa@thenaa.net Web: www.thenaa.net

### MANY OPPORTUNITIES FOR FARM TOURS

Some farm tours will be set up by the California Aquaculture Association. Details will be provided later.

### **HOTELS**

We have arranged a block of rooms with very special rates at The Town & Country Resort and Conference Center. You will not have to drive or take transportation because the meeting and trade show are right at the Town & Country. Please call the hotel directly to make your reservation and mention AQUACULTURE 2010

Tel: 1-800-445-2324 or +1-619-291-7131

Fax: +1-619-497-0737 Web: www.towncountry.com

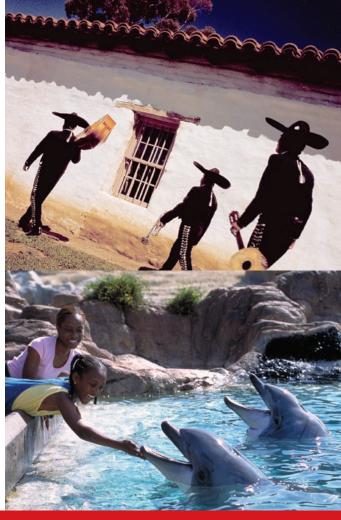
### **TRAVEL**

Special car rental fares also have been arranged with AVIS. You can make reservations at 800-331-1600 or +1-918-624-4338 and mention the special discount code# J770126.

Special airfares are available for travel within the U.S. to San Diego. For the best airfares, contact FLIGHT COORDINATORS for details at:

Tel: 1-800-544-3644 or +1-310-581-5600

Fax: +1-310-581-5620 Email: globaltc@gte.net







# **TENTATIVE SCHEDULE**

# Monday, March 1

Registration Open & Exhibit Set-up	10:00 - 7:00
Welcome Reception	6:00 - 8:00

## Tuesday, March 2

Registration Open	7:30 - 5:00
Opening Ceremonies & Plenary Session	8:30 - 10:00
Refreshment Break	10:00 - 11:00
Sessions	11:00 - 12:00
Trade Show Open	10:00 - 6:00
Lunch (on your own)	12:00 - 1:30
Sessions	1:30 - 3:00
Refreshment Break	3:00 - 3:30
Sessions	3:30 - 5:30
Happy Hour & Posters	5:30 - 6:30
Student Reception	7:00 - 9:00

## Wednesday, March 3

Registration Open	7:30 - 5:00
Sessions	8:30 - 10:00
Trade Show Open	10:00 - 5:30
Refreshment Break	10:00 - 10:30
Sessions	10:30 - 12:00
Lunch (on your own)	12:00 - 1:30
Sessions	1:30 - 4:30
Happy Hour & Posters	4:30 - 5:30
NAA Auction	5:30 - 7:30

# Thursday, March 4

Registration Open	7:30 - 5:00
Sessions	8:30 - 10:00
Trade Show Open	10:00 - 3:30
Refreshment Break	10:00 - 11:00
Sessions	11:00 - 12:00
Lunch (on your own)	12:00 - 1:30
Sessions	1:30 - 3:00
Refreshment Break	3:00 - 3:30
Sessions	3:30 - 5:30
Exhibit Move-out	3:30 - 7:00
President's Reception	6:30 - 8:30

### Friday, March 5

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Registration Open	8:00 - 5:00
Sessions	8:30 - 10:00
Refreshment Break	10:00 - 10:30
Sessions	10:30 - 12:00
Lunch (on your own)	12:00 - 1:30
Sessions	1:30 - 3:00
Refreshment Break	3:00 - 3:30
Sessions	3:30 - 5:30
Closing Happy Hour	5:30 - 6:30



