

North Carolina Aquaculture Association



"Farming Fresh Alternatives"

North Carolina Aquaculture Association



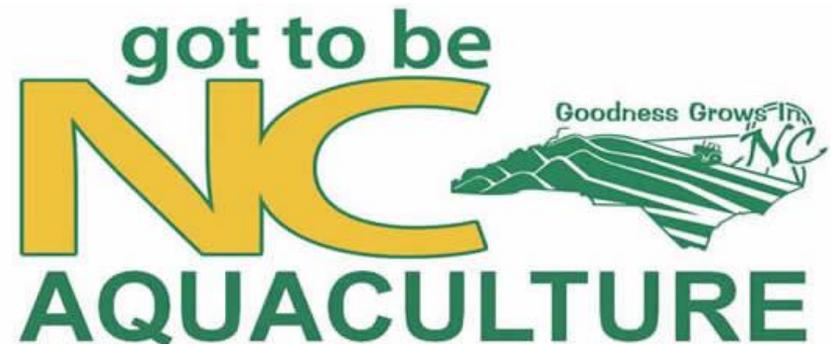
"Farming Fresh Alternatives"

2015 NCAA WESTERN Meeting!

Pete Anderson

NC Department of Agriculture
- Agribusiness & Aquaculture Consultant

NC Aquaculture Association
- Treasurer & NCDA Representative



NC Aquaculture Update

Thursday, September 10th 2015, 5:00-8:00PM

Be a part of history, at a location rich in history, for the NC Trout Industry!

The NC Aquaculture Association (NCAA) will be holding our first ever Western NC Aquaculture Producers' Update at historic Lonesome Valley... the property of the original Jennings's Family trout farm, as well as one of the 1st aquaculture facilities in the US, started in 1948. The meeting will present updates to the aquaculture industry regarding policy, programs and production. We understand this time of year is busy for your farm, so we will keep the meeting short and to the point, while including a sponsored meal.



LONESOME VALLEY
CASHIERS, NORTH CAROLINA

Thank you! Thank you! Thank you!

- **Sally Eason & August Forbes**

SUNBURST
Chef & Farmer
Food  Thought  Business

- **You... all 70+ of you!**

The best way to convince...

I'm not going to tell what we can do...

**I'm going to show you
what we have done!**



The past 4.5 year's for the NCAA

- **2011 – Concern with the NCAA?!?!?!?**
 - 'Educating' Pete and strengthening the NCAA
- **2012 – Aquaculture is Agriculture!**
 - Soil & Water Conservation Aquaculture Cost Share Programs
- **2013 – NCDENR & The NCAA**
 - NAA Workshops, NC DWR 'partnership' & NPDES Issues
- **2014 – USDA-APHIS Aquatic Animal Health**
 - USDA-APHIS, Promotions & NCAA/NCADC 'growth'

Balance of work & home issues...





Thanks Board Members!

NCAA Board Members and Areas

Randy Gray – President – ALL*

Nancy Sugg – Vice President – HSB

Christie Potts – Secretary – HSB & Markets

Dale Pridgen – Board – Tilapia & RAS

Sterling Davenport – Board – Crawfish

Sally Eason – Board – Trout

Gary Dillon – Board – Catfish

Don Ipock – Board – Freshwater Prawn



My unique perspective

- **My Ag Background is all over the map...
Grew up in logging, beef cattle, row crops**
Family Farm – NCSU – GoldenLEAF – Extension – NCDA...



2012: NCAA helped create Aquaculture Assistance Programs

- Created a network of needed assistance and resources for **AQUACULTURE FARMS.**

*Natalie: Update on Conservation Assistance & Programs

- Next Step: Relationship between Producers and Program Administrators are often misunderstood from **BOTH** perspectives...

Aquaculture is not a typical farm operation.

**AQUACULTURE IS
AGRICULTURE !!!**



NCAA in Action – 2012-13

- **Letter to DWR August 2012**
- **Monthly HSB Farm Meetings**
My BAD PowerPoints (Teamwork, goals)
- **DWR Conference Meetings...**
Educational Efforts from the NCAA
- **DWR Central Office Farm Tours**
- **Workable Solution**
Win-Win for all involved







DWR's statements on NPDES Permits for NC HSB Farms



THEN

"0" Flow Streams
Minor Industrial Permit
Reduce, Recycle, Reuse

*How will YOU fix it? *EAA*

NOW

Ditches, Tidal Flow
General NPDES Permit
Work to meet Standards

How can WE fix it?

North Carolina Aquaculture Association



"Farming Fresh Alternatives"

NCAA Summer Producer Meeting - August 14th 2013



Aquaculture Business Management & Marketing Workshop - 8:00AM-12:00PM

North Carolina Aquaculture Association



"Farming Fresh Alternatives"

**NCAA Producer Luncheon
Aquaculture Update - 12:00PM-2:30PM**

NCAA Summer Meeting Year by Year

40–50–60– 80+!
2012 2013 2014 2015



The past 4.5 year's for the NCAA

- **2011**
 - 'Educating' Pete and strengthening the NCAA
- **2012**
 - Soil & Water Conservation Aquaculture Cost Share Programs
- **2013**
 - NAA Workshops, NC DWR 'partnership' & NPDES Issues
- **2014**
 - USDA-APHIS, NC Aquaculture Promotions & NCAA/NCADC 'growth'
- **2015**
 - **NC Aquaculture Conference Success**
 - **Active Board: NCSU, Legislation, NC Catch**
 - **NC Aquaculture Checkoff... gathering input**
 - **NCAA Western Meeting**





N O R T H C A R O L I N A

AQUACULTURE

DEVELOPMENT CONFERENCE

Contact:

Tradeshow: Mr. Pete Anderson
(252) 633-1477
pete.anderson@ncagr.gov

Conference: Cathy Smith
(919) 515-6780
cathy_smith@ncsu.edu

[Click here for information on previous NC Aquaculture Development Conferences.](#)

Thank you to our Premier Sponsors!



AQUATIC ECO-SYSTEMS™



*The 2015 Conference will be held on February 27-28,
with the self-drive field tour on Feb. 26th.
An optional Aquaponics workshop will be on Feb. 25.*



Doubletree by Hilton New Bern - Riverfront
100 Middle Street - New Bern, NC 28560 - (252) 638-3585

About the Conference

This conference is designed to bring together the general public, current and prospective fish farmers, scientists, and personnel from regulatory agencies to share information and ideas about the development of aquaculture in North Carolina. Attendees will learn about several topics relevant to aquaculture species in North Carolina, and find out about the latest aquaculture equipment and products by browsing the ongoing Trade Show. Our famous Aquafoods Festival is an 'all you care to eat...' gathering to close out Friday's activities, and targeted workshops will wrap up the conference on Saturday morning.

A printable conference brochure for 2015 is downloadable by [clicking this link](#).

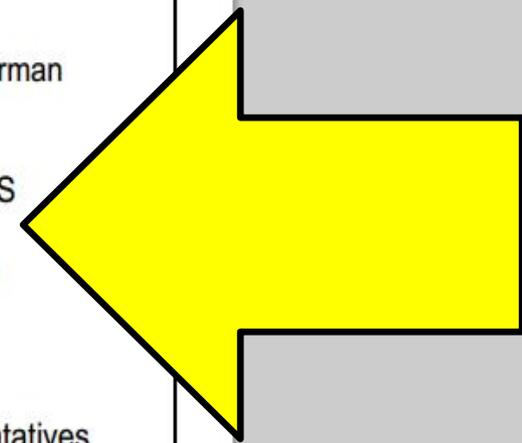
[Click here](#) to view Powerpoint presentations from the 2014 conference.



N O R T H C A R O L I N A
AQUACULTURE
DEVELOPMENT CONFERENCE

Friday, February 27, 2015

- 7:30 a.m. **Registration and Trade Show opens**
- 8:30 *Introduction and Welcome*
Michael Twiddy, NC SBTDC and Aquaculture Conference Chairman
- 8:35 *North Carolina Aquaculture Association Update*
Randy Gray, NCAA President and Pete Anderson, NCDA&CS
- Aquatic Animal Health Update and Aquaculture Health Certification*
 Scott Squires, USDA APHIS
- 9:30 *North Carolina Aquaculture Overview*
 NCDA&CS, NCSU and NC Sea Grant Aquaculture Representatives
- 10:15 **BREAK/VISIT TRADE SHOW**
- 10:45 *State Aquaculture Research Update*
 Dr. Harry Daniels, NCSU and Dr. Wade Watanabe, UNC-W



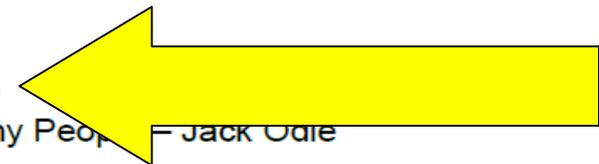
NC STATE UNIVERSITY

College of Agriculture and Life Sciences

Stories of Success: Messaging with a Purpose

CALS Partners Meeting
March 17, 2015
McKimmon Center, Raleigh, NC
Agenda

- I. 9:30 – 10 a.m. Welcome and CALS Overview – Dr. Richard Linton, Dean, College of Agriculture and Life Sciences, NC State University
(morning discussion moderator)
- II. 10 – 10:45 a.m. Plant Sciences Initiative
 - a. NC Sweet Potatoes: A Rising Tide – Sue Langdon
 - b. Creating Plants that Grow NC Ag Economy: Green Industry – Tom Ranney
 - c. North Carolina: The Complete Ecosystem for Ag Biotech – Jacob Traverse
- III. 10:45 – 11 a.m. BREAK
- IV. 11 – 11:15 a.m. Food Manufacturing Initiative
 - a. Rural Business Development: Aseptia's Aseptic Processing – KP Sandeep
- V. 11:15 – 11:45 a.m. Animal Food Industry
 - a. Reducing Feed Cost: Aquaculture in NC – Pete Anderson
 - b. Team Science Yields Healthy Pigs, Healthy Pork & Healthy People – Jack Odie



Securing the foundation of NC Aquaculture

NC STATE UNIVERSITY DEPARTMENT OF
APPLIED ECOLOGY

Home Academics People Research Extension News Resources

Aquaculture



Aquaculture Research

Aquaculture research programs in the NCSU Department of Applied Ecology range from applied studies on methods for rearing fish to fundamental research on mechanisms controlling reproduction and growth. Some faculty also engage in

NORTH CAROLINA
AQUACULTURE
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sbtcdc
Your business. Better.

got to be
NC
AQUACULTURE
Goodness Grows™ NC

NC State University
A&T State University
**COOPERATIVE
EXTENSION**
Empowering People • Providing Solutions

Sea Grant
North Carolina

**FARM
BUREAU**
NORTH CAROLINA

**NC STATE
UNIVERSITY**

North Carolina Aquaculture Association
NCAA
"Farming Fresh Alternatives"

Soapbox moment for NC Aquaculture



North Carolina Aquaculture Association



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2015 – National Ag. Day



2015 – NC Catch Summit - Ocracoke

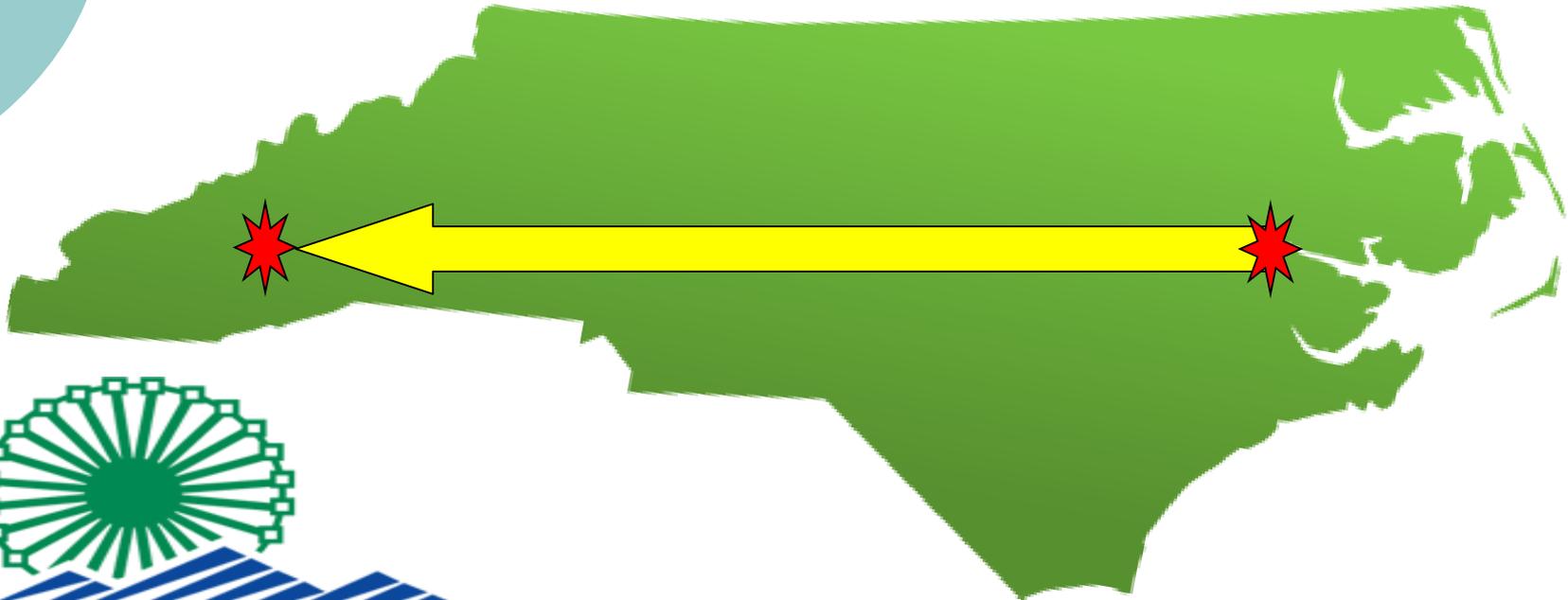


Western “Adventures” with Debra



2015 NCAA 'Western' Initiative

Eastern & Western NCAA Producer Meetings



- Trout Cook-off
- NCAA Western Producer Meeting

North Carolina Aquaculture Association



"Farming Fresh Alternatives"

Your support will help shape the direction and focus of the NC Aquaculture industry and the NCAA

How do you think policy makers view our state's aquaculture industry now?



We've gained two!!!



North Carolina Aquaculture Association
NCAA
"Farming Fresh Alternatives"



Why join the NCAA?

Become an ACTIVE VOTING Member!



ANNUAL MEMBERSHIP APPLICATION FORM

(1) Please choose one of the five (5) category boxes listed below:

Voting Memberships:		
<i>*Voting categories include support affiliation from the National Aquaculture Association!</i>		
<input type="checkbox"/> Active Member (\$50) Active members will be any individual, partnership or corporation engaged in aquacultural production. Must be licensed or permitted by the NC Department of Agriculture and Consumer Services to commercially operate in the production of aquatic animals or plants, or hold a shellfish lease or other permission to commercially produce marine or estuarine fish, shellfish or crustacean in NC by the Division of Marine Fisheries. Membership in this category is limited to those who derive a portion of their income directly from aquaculture.	<input type="checkbox"/> Support Industry (\$250) Support Industry membership shall include individuals or representatives of companies or corporations that provide logistic, material or technical support to some portion of the aquaculture industry. Members may include entities including but not be limited to the sale of feed, aerators, nets, processing equipment, pharmaceuticals, pumps, line, wire, bags and other materials and equipment or consultants. This includes those individuals and companies permitted or licensed by the NC Department of Agriculture and Consumer Services to operate commercial fee fishing facilities or to transport fish into the state or otherwise possess aquatic animals.	<input type="checkbox"/> Government & University (\$250) University, College, Community College, State and Federal Agency representatives are included within this category. Membership is required at the program or divisional level.
<div style="border: 1px solid black; padding: 5px;"> What you get with membership: -National Aquaculture Assoc. affiliation - NCAA Industry Updates - Feb Breakfast & Aug Luncheon Meetings (via website; Board meeting minutes) *More information online at: ncagr.gov/markets/aquaculture/ncaa.html Statewide industry support! </div>		
Non Voting Membership:		
<input type="checkbox"/> Associate (\$25) *Included with registration *NC Aquaculture Development Conference attendees receive one year associate membership with conference registration! This shall include individuals who are interested in the development of aquaculture in North Carolina. This may be for profit or simply for personal interest.	<input type="checkbox"/> Student (\$10*) *Included with registration Student members will be individuals attending an accredited university, Community College or public/private High School, who is interested in aquaculture in North Carolina. *NC Aquaculture Development Conference attendees receive one year membership with conference registration!	



(2) Please provide all of the needed contact information listed below:

Name: _____ Year: _____

Business/ Affiliation: _____

Address: _____

City, State, Zip Code: _____

Phone: _____ *Email: _____
**email address must be provided to receive news and meeting notices!*

(3) Please make check payable to the NC Aquaculture Association and mail to:



NCAA
 c/o Pete Anderson – NCDA&CS
 300 Industrial Drive
 New Bern, NC 28562

- 4:00 Registration and Guest Reception begins
- 5:00 Welcome to the 2015 NCAA Western Producer Meeting:
-Welcome to Lonesome Valley - Sally Eason, Sunburst Chef & Farmer/ NCAA Board
-Message from the NCAA President and Commissioner Introduction - Randy Gray
-Greetings and Statement of NCDA&CS Support – Commissioner Steve Troxler
- 5:15 NCAA Mission & Vision, NC Aquaculture Update – Pete Anderson
- 5:30 NC Farm Bureau, Environmental and Legislative Updates – Keith Larick
- 5:45 NC Soil & Water Conservation Cost Share Programs – Natalie Woolard
- 6:00 NCAA and Sunburst Chef & Farmer Sponsored Dinner
- 6:45 'A growing segment of NC Aquaculture'... Aquaponics in NC
Guest Speaker – Bradley Todd, Lucky Clay Farms
- 7:00 NAP Insurance and ELAP Programs – Cliff Parker
- 7:15 NCDA Aquaculture Update & NASAC – Debra Sloan
- 7:30 NC Wildlife Resources Commission, NC State University & NC Cooperative Extension
-Status of Whirling Disease and Gill Lice Sampling and Detection– Jacob Rash
-Hatchery Biosecurity – David Deaton
-What Might Whirling Disease Mean to Your Trout Farm
If It Occurs In Your Water Supply? – Jeff Hinshaw
- 8:00 Closing Remarks and Adjournment from presentations – NCAA Board
- 8:00* *Please feel free to stay and speak with any of the presenters or industry Sponsors.*

Thank you for supporting the NC Aquaculture Association!

North Carolina Aquaculture Association



"Farming Fresh Alternatives"

[Membership Form](#)

[Home](#) - [Officers & Board Members](#) - [News & Meeting Minutes](#) - [Bylaws](#)

The North Carolina Aquaculture Association is a private non-profit corporation formed in 1991. Its purposes are to provide support through promotion, marketing, and other beneficial acts to strengthen, expand, and diversify the industries of freshwater and marine aquaculture in North Carolina.

Subject to prior approval, the Association may take a position and press an opinion on issues directly and generally affecting the aquaculture industry.

PowerPoint presentations from the NCAA's 2014 Producer Update

Please click on the title of the presentation to download a pdf. copy of the PowerPoint by each presenter's name:

[NCAA Summer Producer Meeting Agenda & Location Info](#) – September 3rd, 2014

[Welcome from NCAA President – Randy Gray](#) NCAA State Updates – NCAA Board Sponsored Lunch by the NC Aquaculture Association

[NCDA&CS, Licensing & Permitting Proposals](#) – Pete Anderson

[USDA-APHIS, Aquatic Animal Health](#) – Dr. Scott Squires

[NCDA Food & Drug, HACCP and On-Farm Inspections](#) – Anita MacMullan

[NC Farm Bureau, US & NC Ag Policy Update](#) – Debbie Hamrick

[USDA-FSA Insurance Coverage Insight](#) – Clif Parker

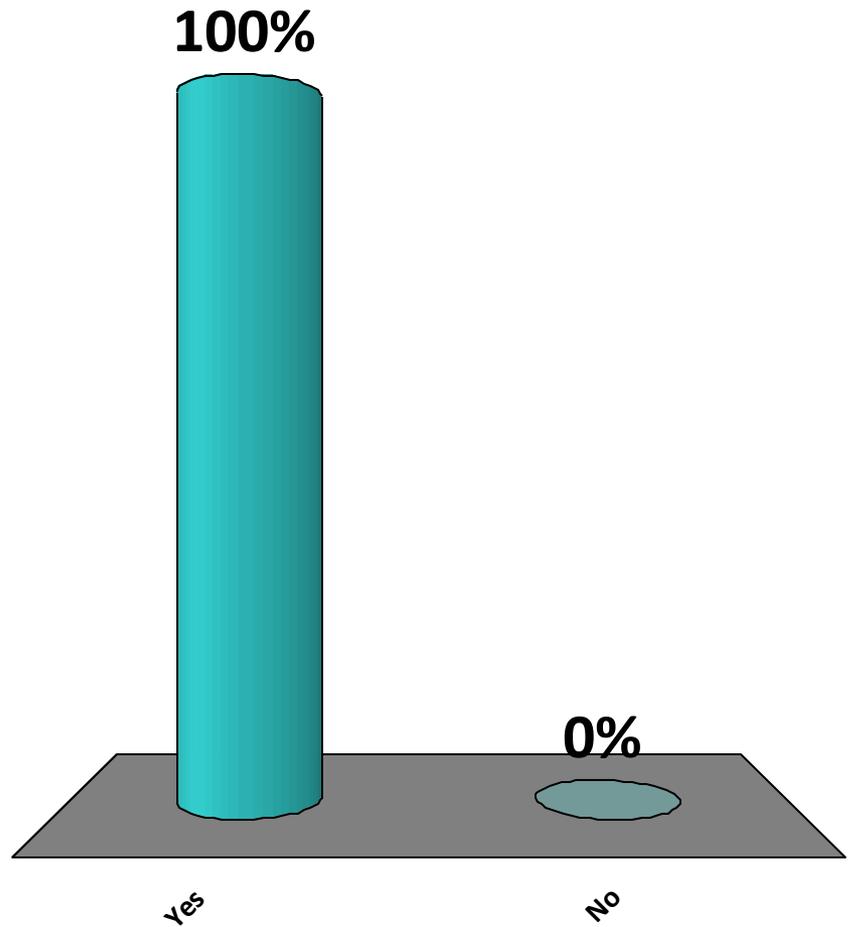
[Northeast NCCE Area Update](#) – Steve Gabel

[Southeast NCCE Area Update](#) – Mike Frinsko

How many of you enjoyed the meal?

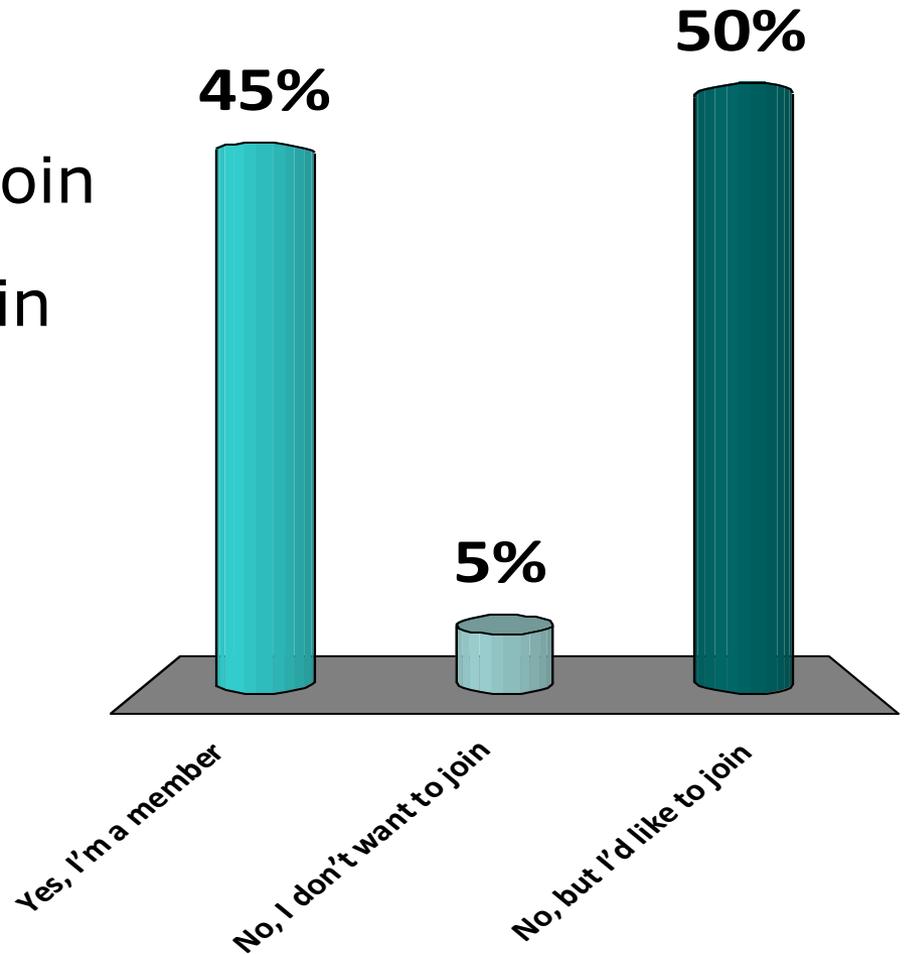
A. Yes

B. No



How many here are members of the NCAA?

- A. Yes, I'm a member
- B. No, I don't want to join
- C. No, but I'd like to join



Are you pleased with the current direction of the NCAA?

- A. Yes, you're doing a great job
- B. Yes, but there's a lot of things you're leaving out
- C. No, you're not covering anything that helps aquaculture
- D. No, complete waste of time

