

Trade Issues in Aquaculture: The Role of Standards & Certification

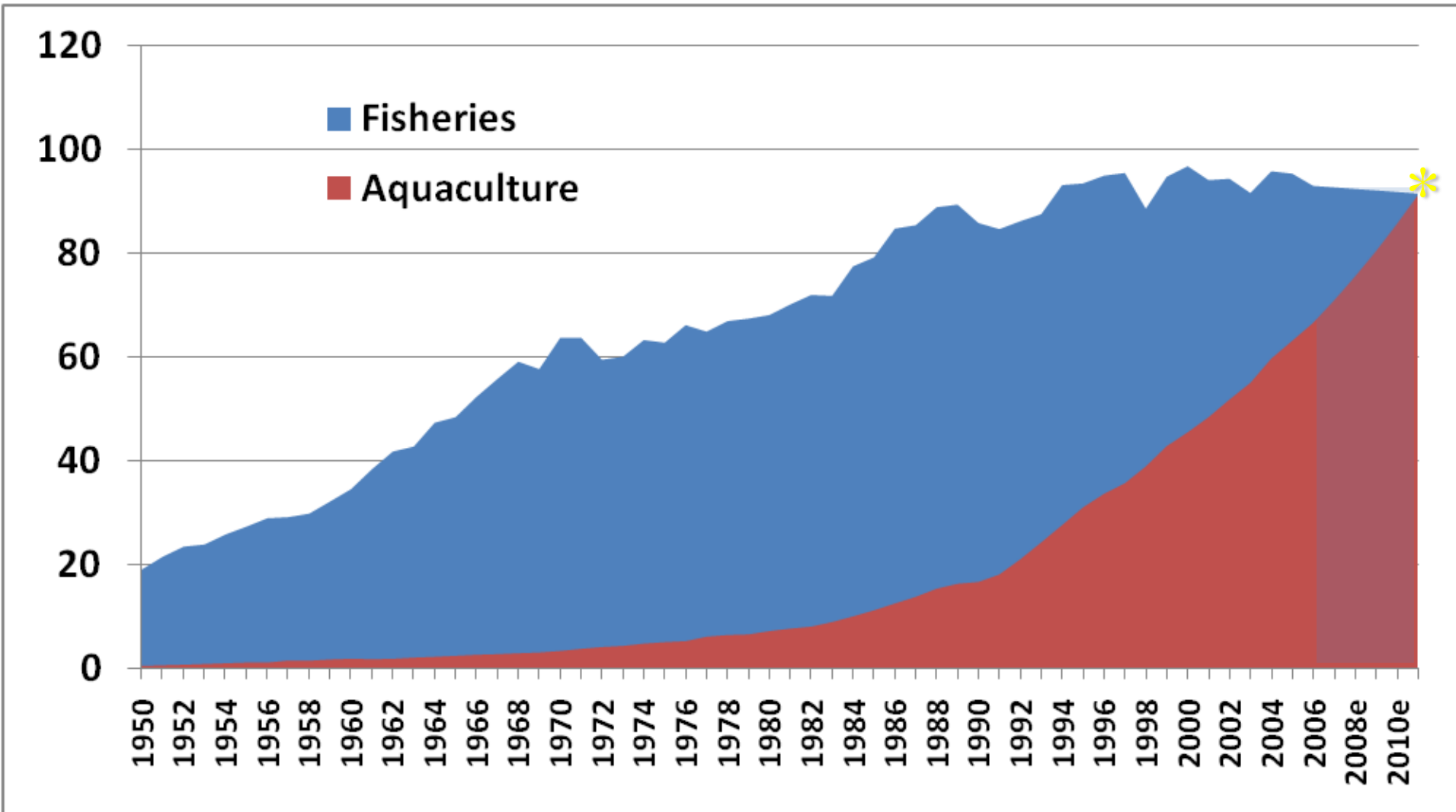


Wally Stevens, Executive Director

global aquaculture
the alliance

Aquaculture Surpasses Fisheries

(Production, million mt)



Success in Global Aquaculture

- Resulted in trade barriers
 - Successful production
 - Successful products
- Improved science and technology in aquafarming over the past decade
 - Early stage practices are no longer employed
 - Public perception needs to change



Wally Stevens



Domestic Producers

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Foreign Producers

My Trade Background

- Salmon (1989) – U.S. market vs. Norwegians
- Shrimp (2000) – U.S. shrimp industry anti-dumping petition
- Catfish – U.S. vs. *Pangasius*



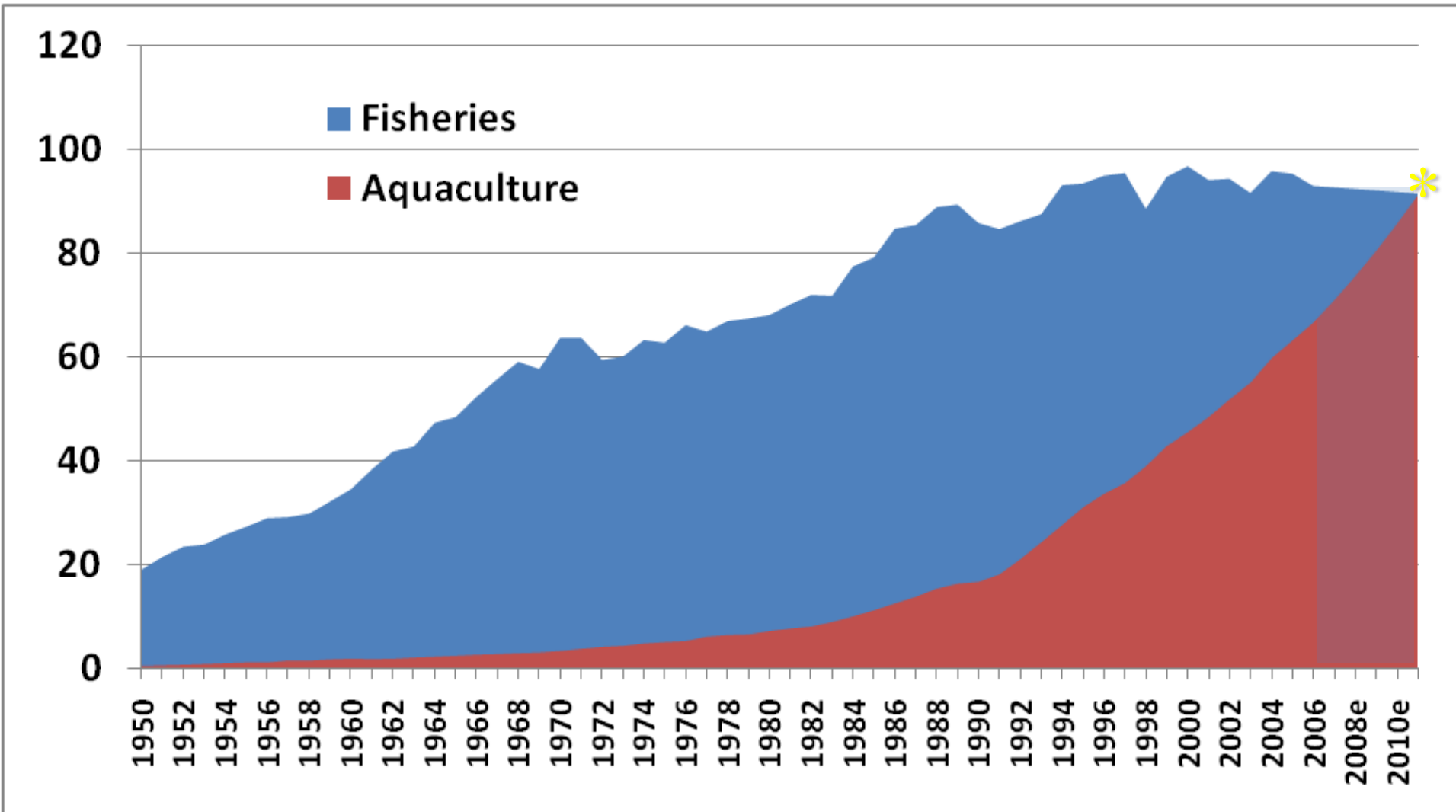
United States Seafood Supply

- Over 80% is imported from 150+ countries
- Much of the imports come from developing countries
 - Regulatory frameworks and enforcement are inconsistent
- How can we assure consumers that seafood is wholesome, safe and responsibly produced?



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**“Oh, what a tangled web
we weave**

**When first we practice to
deceive.”**

Sir Walter Scott



Issues Behind Trade Barriers

- Environmental degradation
 - Mangroves – farm sites
- Food Safety
 - HAACP requirements
 - Water testing
 - Only approved antibiotics
- Labor
 - Minimum wage
 - Age and working conditions



GAA Mission:

- Further environmentally responsible aquaculture to meet the world food needs.
- Through Best Aquaculture Practices (BAP), GAA encourages responsible production systems



Primary Activities for GAA

- Primary activities: Education and Training
 - RAF – Responsible Aquaculture Foundation
 - JIFSAN –
 - Malaysia – BAP Pilot Program
 - China: AQSIQ – BAP Pilot Program
 - **GOAL** – Kuala Lumpur
 - **ADVOCATE MAGAZINE**



GAA focus of Standards for *Best Aquaculture Practices*

- **Environmental**
 - Habitat, effluents, salinization
- **Social**
 - Community rights
 - Child labor and worker safety
- **Food Safety**
 - Salmonella and other pathogens
 - Antibiotics, pesticides
- **Traceability**
 - From pond to processed lot



Standards Development Process

- Standards Oversight Committee:
 - 4 NGOs
 - 4 Industry
 - 4 Academic/Policy
- Technical Committee
- Stakeholder Review
- Continual Revisions
- Committed to Compliance
 - FAO Guidelines for Aquaculture Certification
 - Global Food Safety Initiative



BAP Standards: Entire Production Chain



**Hatchery
(in use)**



**Farm
(in use)**



**Feed mill
(in prep)**



**Processing
(in use)**

Comprehensive Standards

	Supply Chain			
	Hatchery	Farm	Feed	Processing
Environmental	✓	✓	✓	✓
Social	✓	✓	✓	✓
Food Safety	✓	✓	✓	✓
Traceability	✓	✓	✓	✓



Certification Systems

- The BAP Certification Program has reached a volume of 1.3 billion pounds
 - Shrimp
 - Tilapia
 - Catfish
- Standards coming in 2010:
 - Feed Mill
 - *Pangasius*
 - Salmon



US Market Endorsement of BAP Certification

- USA – Retail & Foodservice
 - Ahold
 - Aldi
 - Darden
 - Disney
 - Food Lion
 - Giant Eagle
 - Hannaford
 - Kroger
 - Raley's
 - Sam's
 - Sea World
 - Sodexo
 - Sweet Bay
 - Target
 - Topco
 - US Foodservice
 - Walmart



Canadian & European Market Endorsement of BAP Certification

- Canada
 - Sobeys's
 - Walmart
- Europe
 - ASDA
 - Delhaize
 - Morrison's
 - The COOP



BAP Standards Recognition

- USFDA
- US State Department
- US Department of Labor
- AQSIQ in China
- Malaysia



**“Yesterday is history,
tomorrow is a mystery
and today is a gift.”**

Eleanor Roosevelt



If we do that work together,
We will truly make a difference.

THANK YOU

