

Shrimp Production Review

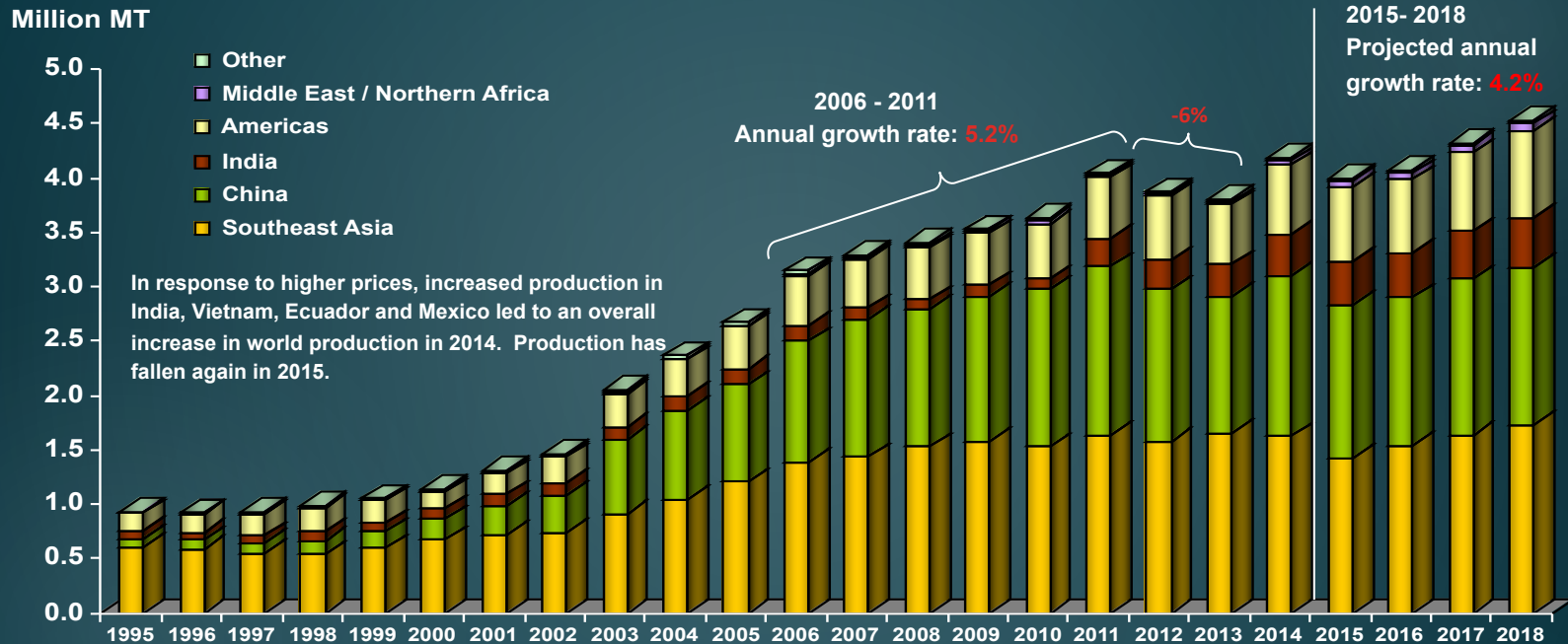
James L. Anderson, Director, Institute for Sustainable Food Systems
University of Florida

Diego Valderrama, University of los Andes, Colombia

Darryl Jory, Global Aquaculture Alliance



Shrimp Aquaculture Production by World Region: 1995 - 2018



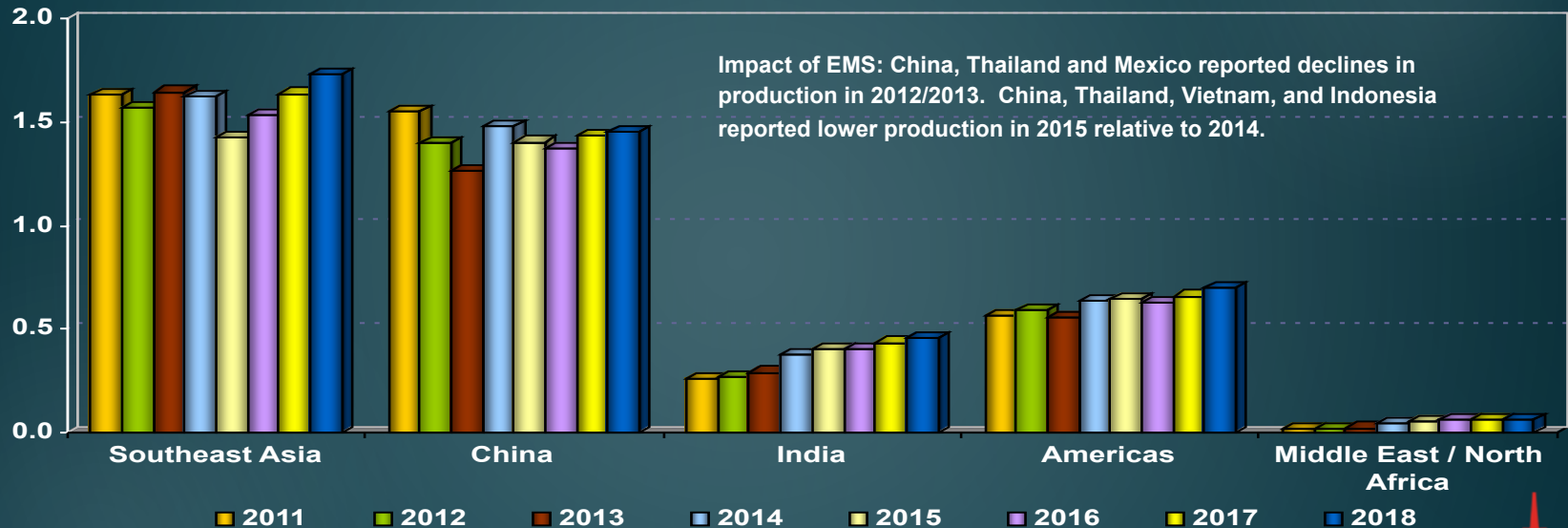
Sources: FAO (2016) for 1995-2011; FAO (2016) and GOAL (2014) for 2012-2014; GOAL (2016) for 2014-2018.

Southeast Asia includes Thailand, Vietnam, Indonesia, Bangladesh, Malaysia, Philippines, Myanmar and Taiwan.

M. rosenbergii is not included.

Shrimp Aquaculture by Major Producing Regions: 2011 – 2018

Million MT



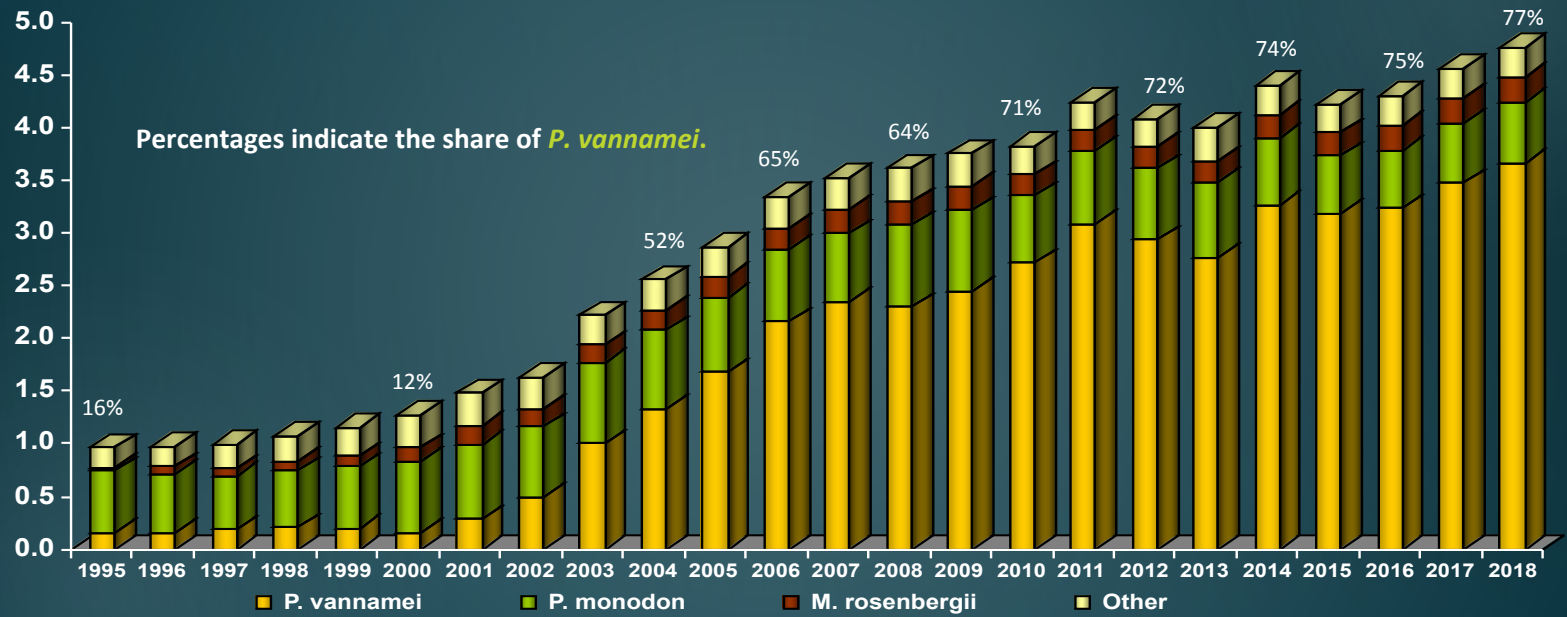
Sources: FAO (2016) for 2011; FAO (2016) and GOAL (2014) for 2012-2014; GOAL (2016) for 2014-2018.

Southeast Asia includes Thailand, Vietnam, Indonesia, Bangladesh, Malaysia, Philippines, Myanmar and Taiwan.

M. rosenbergii is not included.

World Shrimp Aquaculture (including *M. rosenbergii*) by Species: 1995 - 2018

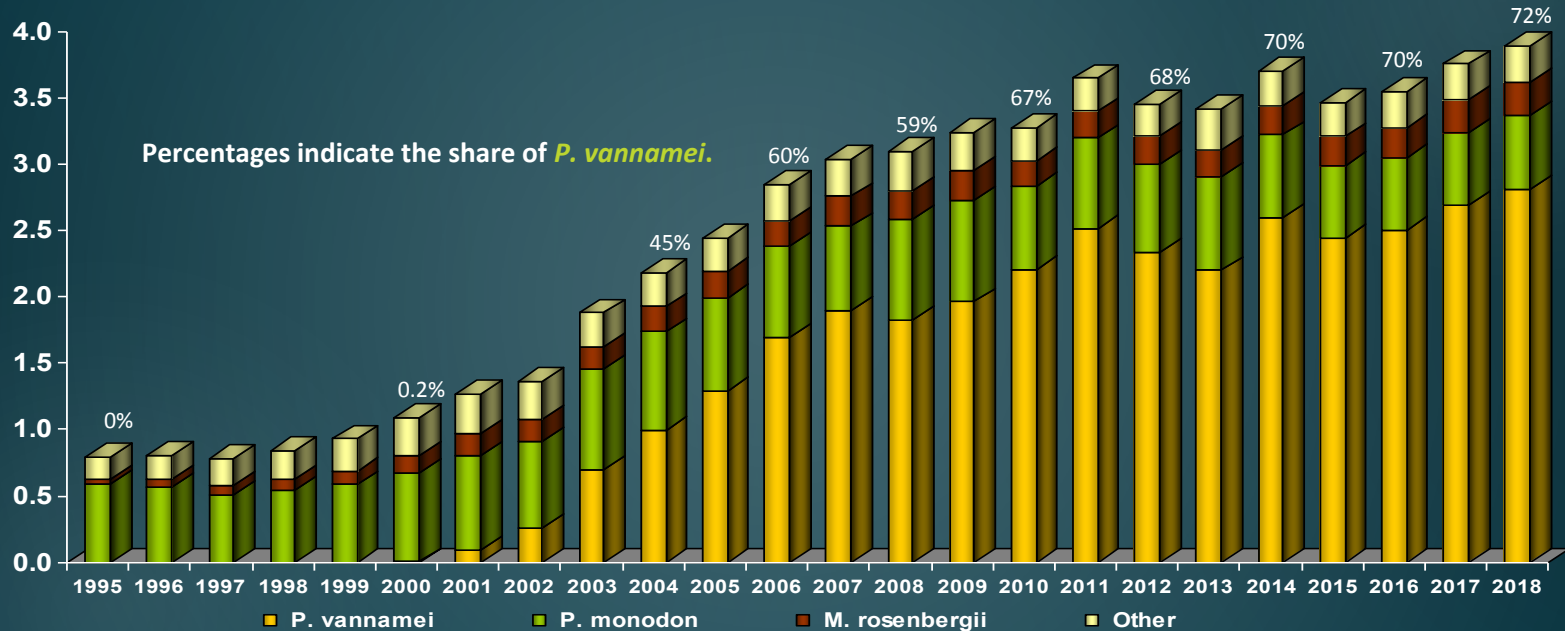
Million MT



Sources: FAO (2016) for 1995-2011; FAO (2016) and GOAL (2014) for 2012-2014; GOAL (2016) for 2014-2018.

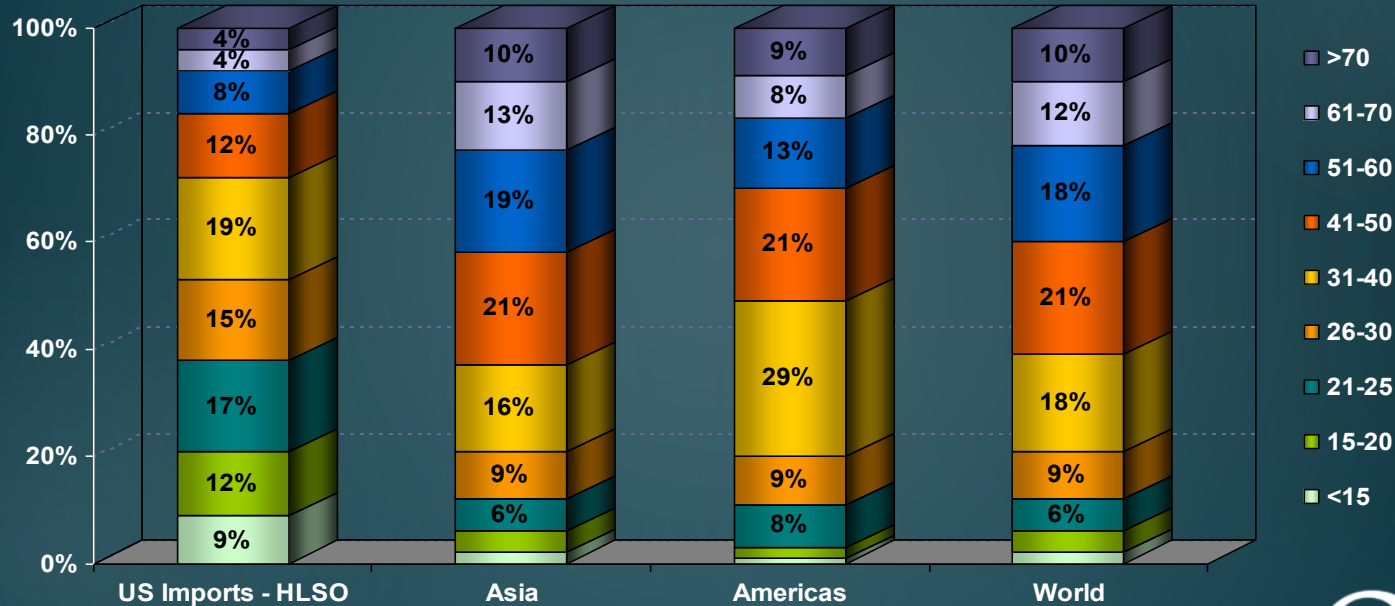
Shrimp Aquaculture (including *M. rosenbergii*) in Asia by Species: 1995 - 2018

Million MT



Sources: FAO (2016) for 1995-2011; FAO (2016) and GOAL (2014) for 2012-2014; GOAL (2016) for 2014-2018.

Composition of Shrimp Aquaculture Production by Size Categories – Aggregate 2015



Source: GOAL (2015).

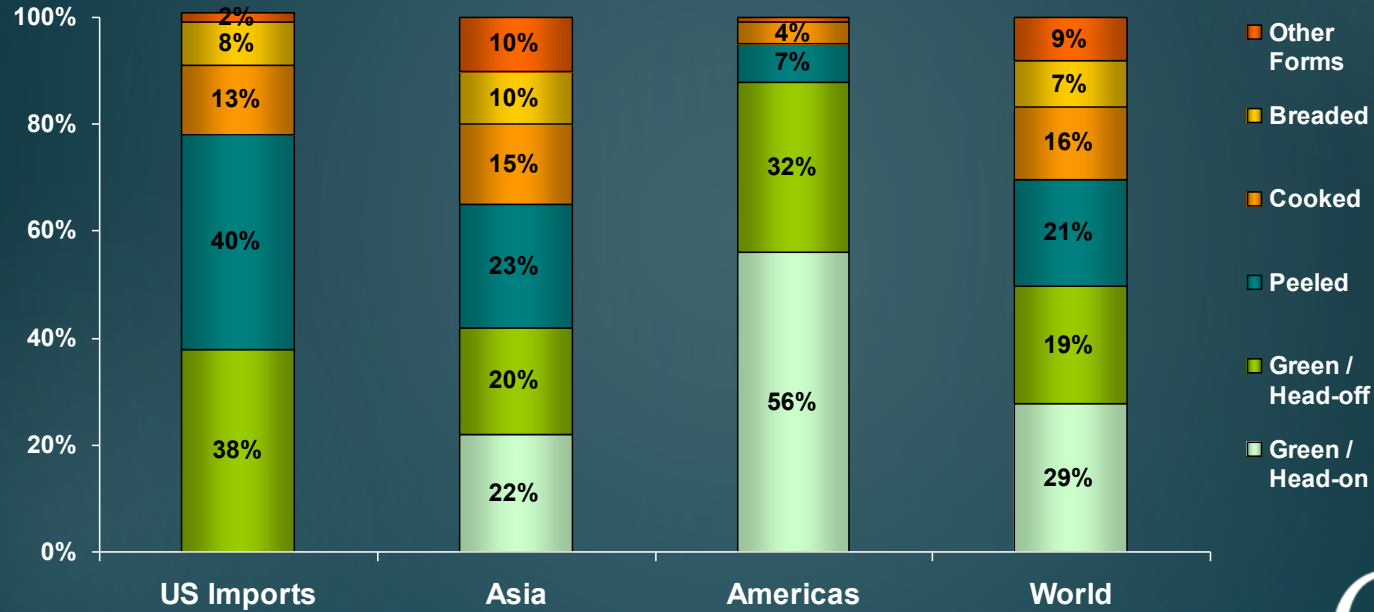
Expected Trends in Shrimp Aquaculture Size Categories - GOAL Survey 2016

Size Category	Asia	Americas	World
<15	Decrease/Stable	Stable	Decrease/Stable
15-20	Decrease/Stable	Decrease/Stable	Decrease/Stable
21-25	Stable	Stable	Stable
26-30	Stable	Increase	Stable
31-40	Increase/Stable	Increase	Increase/Stable
41-50	Increase	Stable	Increase
51-60	Increase	Stable	Increase
61-70	Increase/Stable	Increase	Increase
>70	Increase	Decrease	Increase/Stable

India, Indonesia and Vietnam expect increased production of smaller counts.

GOAL 2016 Survey

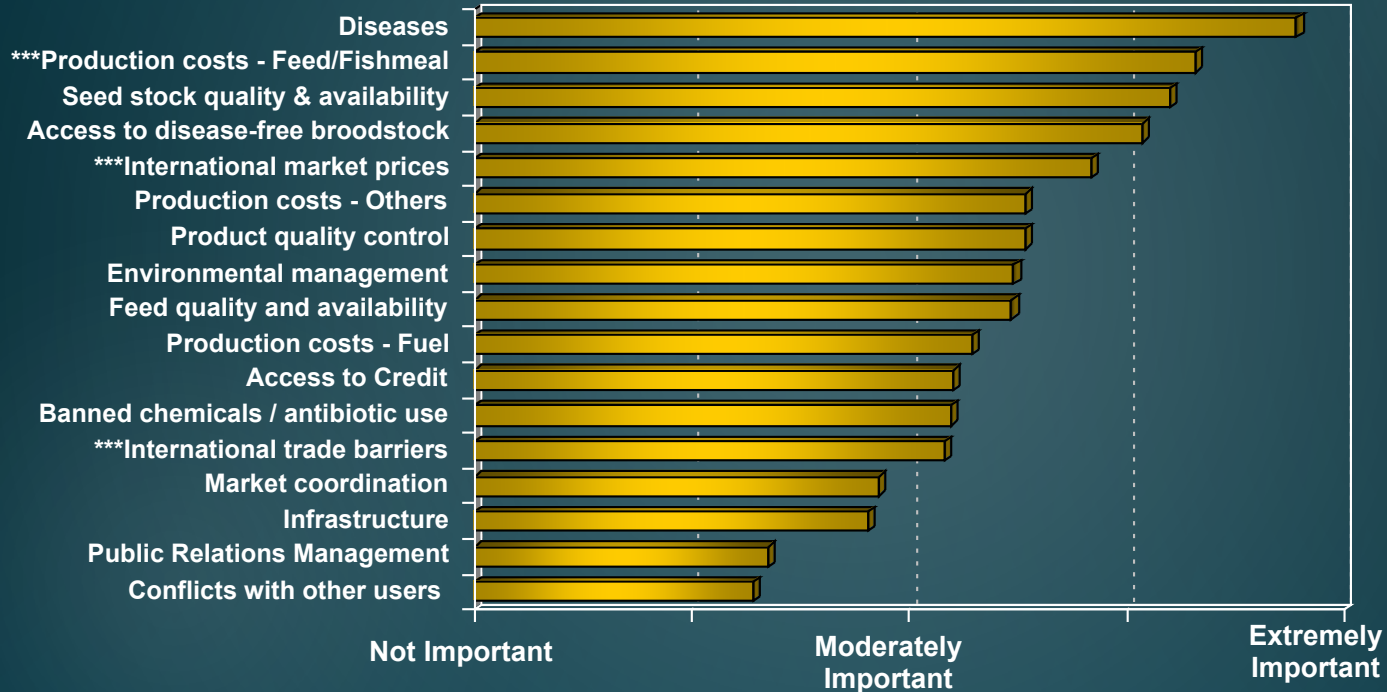
Composition of Shrimp Aquaculture Production by Product Form – Aggregate 2016



GOAL 2016 Survey

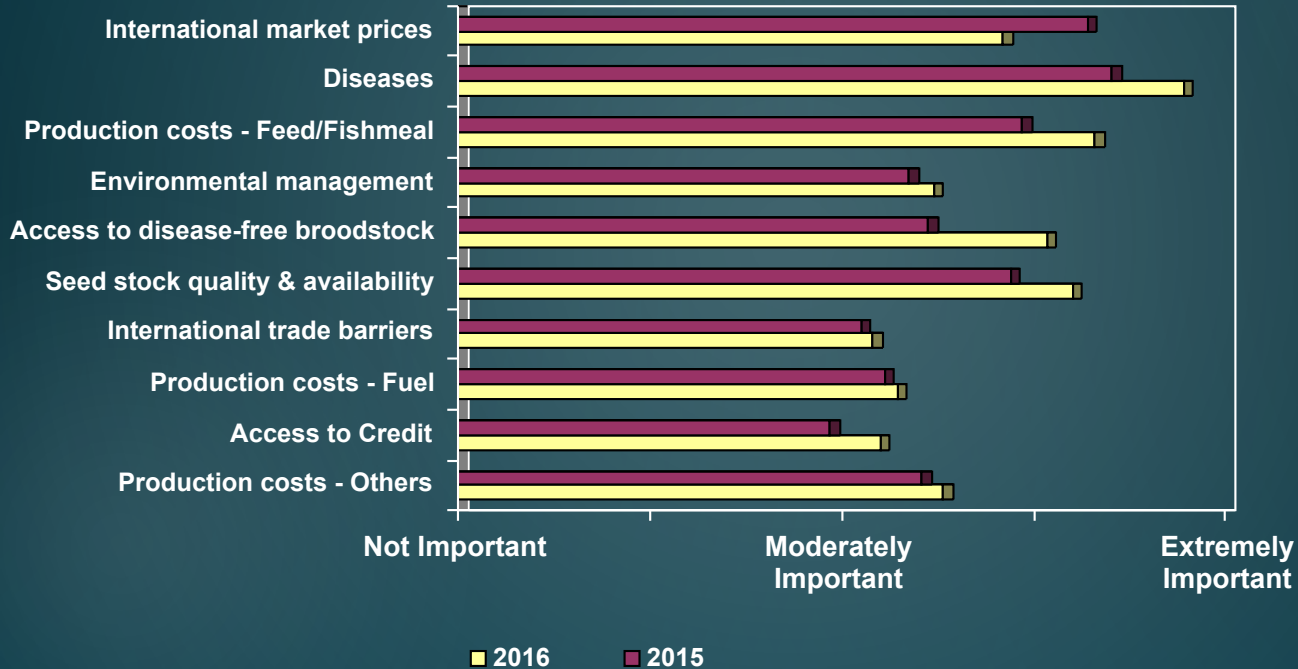
Issues & Challenges in Shrimp Aquaculture

All Countries



Asterisk indicates a Top 3 issue in GOAL 2007 Survey

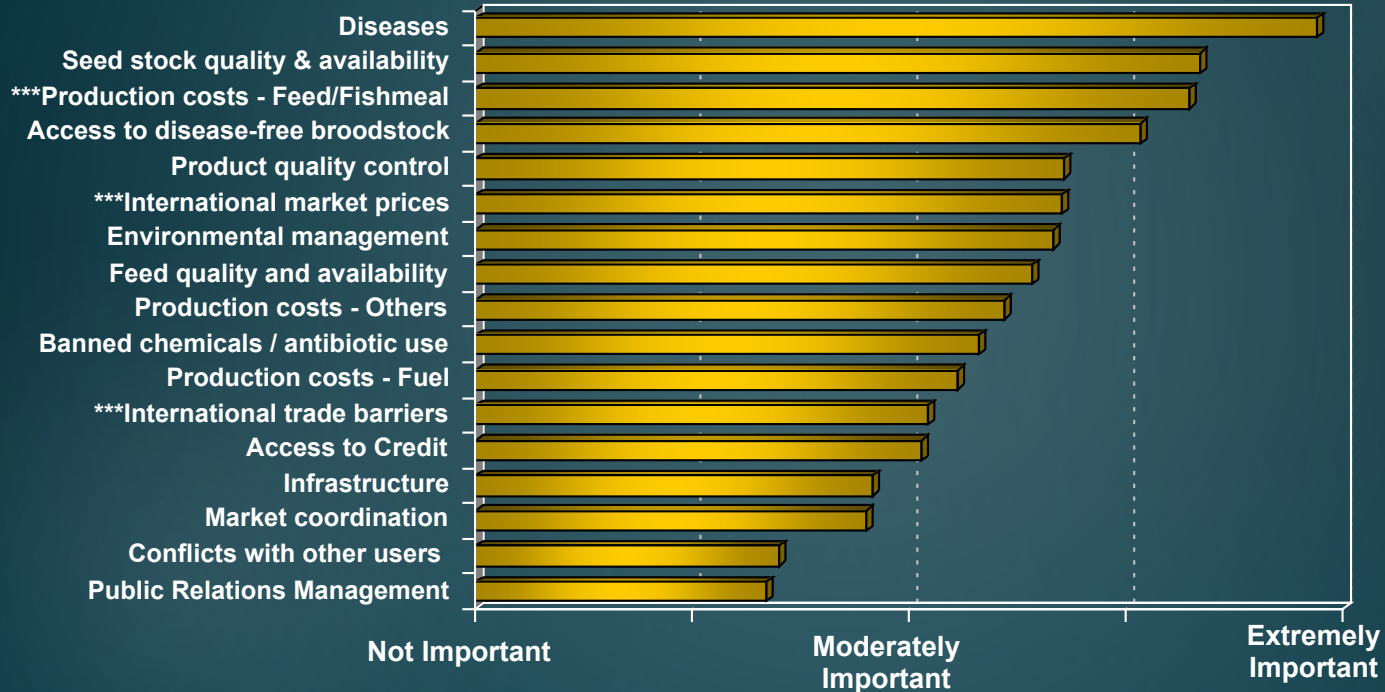
Worldwide Top Issues & Challenges in Shrimp Aquaculture: 2016 Survey vs. 2015 Survey



GOAL 2016 Survey

Issues & Challenges in Shrimp Aquaculture

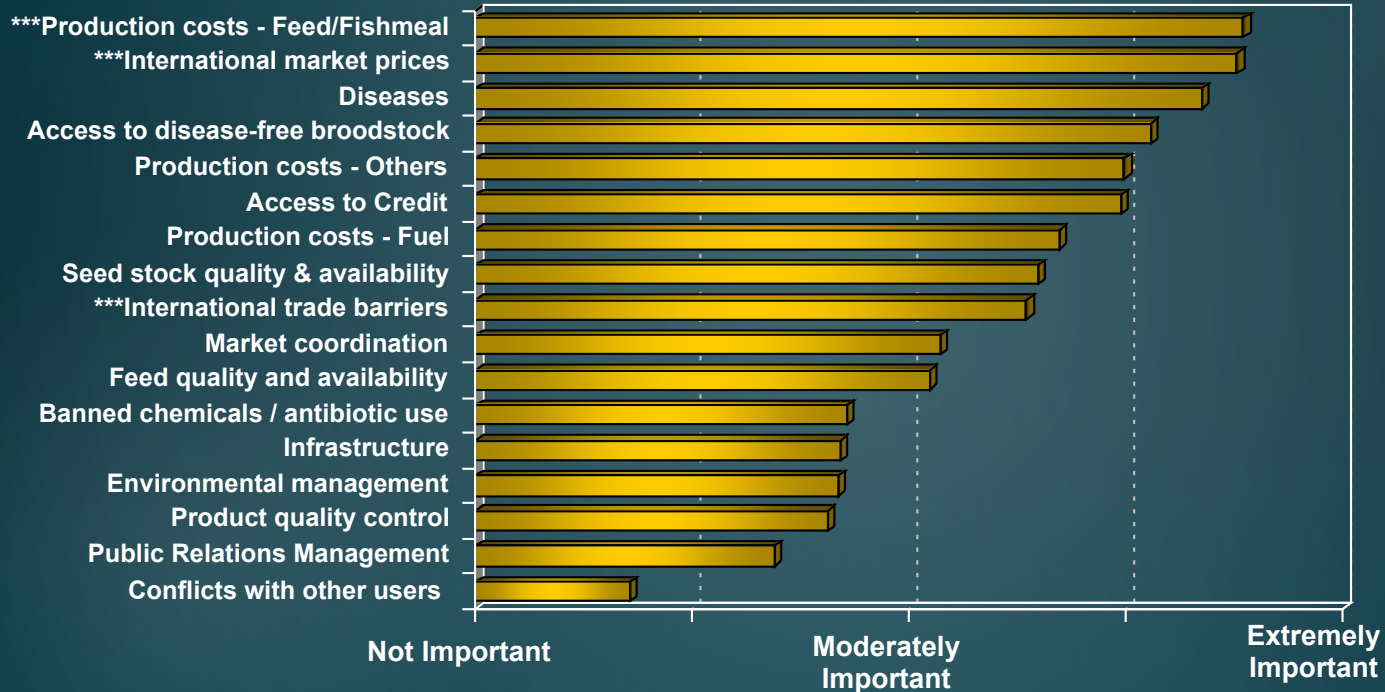
Asia



Asterisk indicates a Top 3 issue in GOAL 2007 Survey

GOAL 2016 Survey

Issues & Challenges in Shrimp Aquaculture Latin America



Asterisk indicates a Top 3 issue in GOAL 2007 Survey

GOAL 2016 Survey

Top Issues & Challenges in Shrimp Aquaculture Asia vs. Latin America

