Wally Stevens

- Wally Stevens has been executive director of the Global Aquaculture Alliance since 2007.
- A 45-year industry veteran, Stevens has held leadership positions in large, publicly traded corporations as well as start-up salmon farming operations and mid-sized, family-owned companies.
- His responsibilities have included all aspects of the seafood production chain, including fishing vessels, aquaculture hatcheries and farms, shoreside processing facilities, cold storage operations, wholesale seafood distribution and manufacturing of value-added products.
- Recently, Stevens has played a significant role in the growth of GAA and its Best Aquaculture Practices third-party certification program.
- He is also treasurer of the Responsible Aquaculture Foundation.
- For much of his career, Stevens has been a volunteer with the National Fisheries Institute, where he served as chairman in 2001 and co-founded the Future Leaders program.
Chinese Production Leaders

- EVERGREEN
- GUOLIAN AQUATIC
- XIANGTAI
- GOLDEN SPRING
- Tsinfu
- LUXE SEAFOOD
- S.H-FOOD
- GAFU OCEAN FOOD CO., LTD.
How ‘Healthy’ is Aquaculture?

Aquaculture is a young adult

- Education
- Environment
- Financial
- Social
- Diet
- Leadership
HOW ‘HEALTHY’ IS AQUACULTURE?

Aquaculture is a young adult

- Education
- Environment
- Financial
- Social
- Diet
- Leadership
• Farmers: Are we providing education on disease management?

• Marketplace: Are we meeting our customers’ needs?

• Associations: Are we sharing information and knowledge?
HOW ‘HEALTHY’ IS AQUACULTURE?

Aquaculture is a young adult

Education

Social

Environment

Diet

Financial

Leadership
Environment

- Sustainability: Are we mitigating the impact on our local ecosystems?
- Area management: Are we a good neighbor?
- Climate change
HOW ‘HEALTHY’ IS AQUACULTURE?

Aquaculture is a young adult

- Education
- Social
- Environment
- Diet
- Financial
- Leadership
Financial

- Risk management

- Investment: Are we educating the investment community?

- Insurance: Are we educating the insurance community?

- Are third-party standards making the industry more sustainable?
HOW ‘HEALTHY’ IS AQUACULTURE?

Aquaculture is a young adult

- Education
- Environment
- Financial
- Social
- Diet
- Leadership

Global Aquaculture Alliance
Social

- Community building
- Providing employment
- Fair treatment of workers
- Supply-chain transparency
HOW ‘HEALTHY’ IS AQUACULTURE?

Aquaculture is a young adult

- Education
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- Leadership

Global Aquaculture Alliance
Diet

- Diet: Are you growing as planned?
- Sustainability: Are your feed ingredient sources sustainable?
- Omega-3s: Is farmed fish maintaining its nutritional profile?
DOUBLE IN A DECADE?

Production level towards 2018 - If "on track" at 7.2 % p.a

Metric Tons


- Mussels
- Marine/Freshwater shrimp
- Flatfishes
- Bluefin Tunas
- European Seabass and Gilthead Seabream
- Barramundi, Groupers & Other Marine*
- Small Trout / Portion Trout
- Large Rainbow trout & Pacific Salmon
- Atlantic salmon
- Pangasius, Catfish, Milkfish
- Tilapias

5,000,000 10,000,000 15,000,000 20,000,000 25,000,000 30,000,000
HOW ‘HEALTHY’ IS AQUACULTURE?

Aquaculture is a young adult

- Education
- Social
- Environment
- Financial
- Leadership
- Diet
Leadership

• Mentorship: Are you developing young professionals?

• Succession: Are you planning for the future?

• Are you leading by example? Are you employing best practices?
<table>
<thead>
<tr>
<th>Category</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Disease</td>
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<tr>
<td>Feed</td>
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<tr>
<td>Environment</td>
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<tr>
<td>Social Responsibility</td>
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