

# May 2022 News Update

IFFO's monthly newsletter



## Editorial

There is no shortage of alarming news on oceans. However, we also need to acknowledge what is going well. In this sense, reading Nicholas P. Sullivan's latest piece a few days ago was kind of a relief. Arguing that changes in behaviour, technology and policy are occurring throughout the fishing industry, he focuses on the positive aspects and the dynamic they can generate. [...]

[Read more](#)



### Report on Seafood Expo Global 2022

A panel discussion took place at Seafood Expo Global to address the role of marine ingredients in aquafeed just a few days after the release of a Nofima paper on Norwegian raw materials for salmon and trout.

[Read on](#)



### Marine ingredients maintain a strategic role, but we need additional bulk nutrients

If aquaculture production keeps growing at its current trajectory, what are our most sustainable options, asks Dr Brett Glencross in International Aquafeed.

[Read on](#)



### Replay of the new Chinese fishmeal standard webinar

Professor Yuantu Ye delivered an introduction to China's national fishmeal standard. Video recordings and presentations are available.

[Read on](#)



### 2022 Members' Meeting: key takeaways

Blue food and the role of marine ingredients in being part of the solution to food security were the focal point of presentations at the IFFO Members' Meeting held in Miami from 4th to 6th April 2022.

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### Report on the China Feed Amino Acids and Feed Raw Materials Implication Symposium



### Save the Date: IFFO Annual Conference

IFFO presented at the Beijing Boyar Hexun Agriculture and Animal Husbandry Technology.

[Read on](#)

2022

This year's IFFO Annual Conference will be held in Lima (Peru) from 24th to 26th October.

[Event link](#)

## New members (awaiting approval at the next IFFO Board meeting)

### Guaymas Protein Company SA de CV

Producer, Mexico

### Ahyun Corporation

Non-Producer, South Korea

### Innovaquimica S.A.

Premium Non-Producer, Chile

## Industry news

- [FishFocus](#): Salmon feed is slowly changing
- [SeafoodSource](#): Russia facing aquafeed shortage as suppliers boycott country
- [TheFishSite](#): Farmed fish can expel microplastics from their bodies – but it comes at a cost
- [FeedNavigator](#): China's declining fishmeal imports
- [SeafoodSource](#): China's middle class increasingly choosing seafood as pork consumption declines
- [UndercurrentNews](#): MSC puts another near-\$1m into boosting sustainable fishing
- [SeafoodSource](#): Environmental NGOs form new partnership to combat bycatch
- [Sentient Media](#): Insect Farming Might Be Sustainable—But Is It Ethical?

## Innovation & Research

### • **FISHMEALS and competition**

A [study](#) investigated the effects of **krill and squid meal** and their heat processing on the growth performance and biochemical composition of juvenile Pacific bluefin tuna. Fish fed with krill meal and non-heated diets showed improved growth compared to those fed with the squid meal and heated diets.

A [study](#) examined the effects of **dietary methanotroph** (*Methylococcus capsulatus*, Bath) bacteria meal, while replacing fishmeal, on the growth and feed utilization of Pacific white shrimp (*Litopenaeus vannamei*). The authors reported that inclusion of the bacterial meal replacing 28.4% to 43.5% of the fishmeal in the diet significantly improved the growth of Pacific white shrimp without adverse effects on feed utilization.

A new [review](#) on insect meals emphasises their complementary effects when used with fishmeal.

### • **FISHOILS and their competition**

Oxidized fish oil was [shown](#) to induce a negative impact on hybrid grouper. Notably, the oxidized fish oil inhibited growth performance, altered the body composition and caused oxidative stress, increased inflammation in the body and changed the structure of intestinal bacteria.

### • **PROCESSING and its development**

A [study](#) examined the effect of a fish protein supplement made from by-products from production of Atlantic salmon, on blood concentration of micronutrients in humans. Notable benefits from including the salmon protein supplement in the daily diet for 8 weeks, included increases serum vitamin B12 and selenium concentrations.

## Calendar

- [25 May 2022: Intrafish Investor Forum, New York City, USA](#)
- [5-9 June 2022: XX International Symposium on Fish nutrition and feeding - Sorrento, Italy](#)
- [9-10 June 2022: Fish waste for profit - Reykjavik, Iceland](#)
- [21-23 June 2022: North Atlantic Seafood Forum, Bergen, Norway](#)
- [3-5 October 2022: GOAL Conference, Seattle, USA](#)
- [24-26 October 2022: IFFO Annual Conference, Lima, Peru](#)
- [7-11 November 2022: SPF international symposium on "Small Pelagic Fish: New Frontiers in Science for Sustainable Management" - Lisbon, Portugal](#)

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