

conferenceseries.com

ICAF
2017
7th International Conference on
**AQUACULTURE &
FISHERIES**

October 19-21, 2017

Rome, Italy

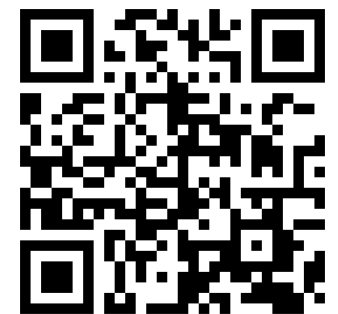
7th International Conference on Aquaculture & Fisheries



Rome, Italy

October 19-21, 2017

aquaculture@aquaconferences.com



Aquaculture 2017

Invitation

R o m e , I t a l y

Dear Attendees,

We are glad to announce the **7th International Conference on Aquaculture & Fisheries** to be held in **Rome, Italy** from **October 19-21, 2017** organized by **Conference Series** in collaboration with generous support and cooperation from enthusiastic academicians and editorial Board Members.

This conference is a unique international platform that's a confluence of all stake holders of the ecosystem – Industry, Academia, Researchers, Innovators, Regulators – coming together to present and discuss current topics including aquaculture law and policy, sustainable aquaculture, Aquaponics, diversification in aquaculture, fishing technology, aquaculture supplies, ethical issues in aquaculture & fisheries, aquaculture related diseases and health management, aquaculture and biosystem research and benefits of aquaculture.

As the premier event, we have developed a program with your interests in mind. We have not only increased the number of opportunities for you to network with colleagues from across the world but also introduced more focused sessions that will feature cutting edge presentations, special panel discussions, and livelier interaction with industry leaders and experts.

We look forward to personally welcoming you to **Rome** this October.

Sincerely,

Aquaculture 2017

Organizing Committee

Renowned Speakers



Thomas George
Global Aquaculture Consultants
Canada



Joseph J Molnar
Auburn University
USA



Tarique Arsiwalla
Protix B.V.
Netherlands



Rosa Zupa
University of Bari Aldo Moro
Italy



Abdeen Omer
Energy Research Institute
UK



Siti Hasmah Mohtar
University of Selangor
Malaysia

Market Analysis Report for Aquaculture 2017

R o m e , I t a l y

Global demand for aquaculture market was valued at USD 156.27 billion in 2015 and is expected to reach USD 209.42 billion in 2021, growing at a CAGR of 5.0% between 2016 and 2021. In terms of volume, the global demand for aquaculture stood at 71,190-kilo tons in 2015.

The global aquaculture market is primarily driven by a decrease in global catchments of fish. Additionally, the rise in demand for fish oil in dietary supplements is expected to grow the demand for aquaculture market during the years to come. However, unfavorable climatic conditions are the major restraint that is expected to limit the growth of aquaculture market in the near future. Furthermore, adoption of rice-fish culture is likely to generate new opportunities for global aquaculture market across the global during the years to come.

Based on different culture, the global aquaculture market is bifurcated into the marine culture, freshwater and brackish water. Among these cultures, the freshwater culture was the largest segment of global aquaculture market in 2015. It accounted for more than 50.0% share of the entire market. Furthermore, this trend is expected to continue in the future years due to the decrease in fishing activities in natural water bodies such as seas and oceans. Moreover, growing demand for sea water species among the consumers is likely to grow the market for aquaculture in marine water culture during the coming years.

Carp, mollusks, crustaceans, salmon, trout and other fish are the key products of global aquaculture market. Among all products, carp dominated the global aquaculture market in 2015. It accounted for more than 32.0% shares of the global aquaculture market. Furthermore, this trend is expected to continue within the forecast period. Moreover, mollusks are another important segment which is expected to be fastest growing product segment of the global aquaculture market during the years to come. This growth is attributed to the increase in adoption of polyculture scenario across the globe aquaculture market.

Based on geographic segmentation, Asia Pacific held the leading position in the global aquaculture market in 2015. China was the major contributor to the aquaculture production in 2015. It accounted for more than 58% shares of the global market. Furthermore, this trend is predicted to continue over the market of aquaculture during the next few years. This growth is attributed to a number of factors such

Market Analysis Report for Aquaculture 2017

R o m e , I t a l y

as suitable weather conditions, availability of natural resources and labor at a cheap salary. Furthermore, North America and Europe are expected to have significant growth in near future owing to advancing trends in aquaculture. Latin America is also projected to have moderate growth in coming years.

Some of the key participants operating in the global aquaculture market include Nireus Aquaculture S.A., Blue Ridge Aquaculture, Cermaq ASA, Cooke Aquaculture Inc., Tassal Group Ltd., The Waterbase Limited, Zeal Aqua, Selonda Aquaculture S.A., Carter & Sons Ltd and NSF Certification UK Ltd among others.

Fishing sector

Fishing in Italy takes place along the entire coastline. In 2012, national catches accounted for 197,839 tonnes for a value of EUR 936 million. The size of the Italian fleet has decreased steadily between 2004 and 2012 to 12,934 (-13%) fishing vessels. The fleet is highly diversified with a broad range of vessel types targeting different species predominantly in the Mediterranean Sea. The largest segment within the fleet is represented by small-scale fishing (8,763 vessels), followed by trawlers (2,542 vessels), hydraulic dredges (706), passive polyvalent gears (451), purse seiners (240) and other types. The regions Sicily (23.1%), Puglia (12.3%) and Sardinia (10%) have the highest share of the fleet.

In terms of landing composition, European anchovy, is the most common species landed in terms of volume (42,800 tonnes), followed by striped venus (20,028 tonnes) and European pilchard (19,947 tonnes). In terms of value, European anchovy (EUR 75.6 million) and European hake (EUR 74.35 million) account for the highest value, followed by crustaceans, European anchovy and deep water rose shrimp.

Processing and trade

The canning sector is the main segment of the Italian fish processing industry. The main products are canned and preserved tunas (for which industry is heavily dependent on imports) although there are also a significant number of companies that process anchovies,

Market Analysis Report for Aquaculture 2017

R o m e , I t a l y

sardines and shellfish. Some Italian canned tuna brands have been acquired by foreign companies, especially Spanish.

Italy is a net importer of fish and seafood. In 2012, the export of fish and seafood products from Italy amounted to 117,232 tonnes with a value of EUR 500 million, while the Italian imports of fish and seafood products reached 903,038 tonnes valued EUR 4.2 billion.

Nearly half of the export volume is represented by live or fresh fish and seafood amounting to 60,675 tonnes, while the other half of value-added fish and seafood products amounted to 56,557 tonnes. In terms of value, the share of exported live or fresh fish and seafood was 36% (EUR 182 million), while the share of value-added products made up 64% (EUR 318 million). Exports of live or fresh fish and seafood, comprised mainly blue mussels, anchovies, sardines and trout. In the group of value-added products, prepared or canned tuna was the dominant product, followed by frozen sardines, anchovy's fillets in oil, salted anchovies and frozen shrimps. Approximately 80% of Italian exports of fish and seafood products is directed to EU countries where Spain is the principle market, followed by Germany, France and Greece. Among non-EU countries, Tunisia, Switzerland and Albania are the largest destinations for Italian exports of fish and seafood products.

In 2012, imports of fish and seafood into Italy was 8 times higher than exports. The major part of Italian imports is represented by value added fish and seafood products (703,487 tonnes with a value of EUR 3,291 million), followed by live and fresh fish and seafood (199,551 tonnes valued EUR 916 million).

Imported value added fish and seafood were mainly prepared/canned tuna, frozen squid, octopus and tuna steaks. Of the imported live and fresh fish and seafood, blue mussels, salmon, seabream, seabass, squid, shrimps, oysters and swordfish were the main species. About half the Italian imports of fish and seafood (54%) were supplied by EU countries of which Spain is by far the largest supplier of fish and seafood to the Italian market, followed by the Netherlands, Greece and France. Among non-EU countries, Vietnam, Thailand, Ecuador, Morocco and China are the most important supplying countries.

Market Analysis Report for Aquaculture 2017

R o m e , I t a l y

Aquaculture in Italy


Aquaculture in Italy is characterised of the high level of specialization and large scale production. Traditional extensive aquaculture is still carried out in the “valli” which are brackish lagoons, especially in the north-eastern regions. More modern aquaculture techniques for marine species include onshore intensive farms, cage systems in the sea (mariculture) and, in the case of shellfish, cultivation on ropes and bags (mussels), or directly on the intertidal substrate (clams). Aquaculture is developed along all Italian coasts, but with higher density along the Adriatic coasts.

In 2012, the total output of the Italian aquaculture sector amounted to 194,800 tonnes with a value of EUR 524 million. The national aquaculture sector is represented by shellfish (65% or 126,000 tonnes) and finfish farming (35% or 68,800 tonnes). Compared to 2011, the total volume of the national aquaculture production went down by 4.4%. The decline has mainly been attributed to the fall in shellfish production, while the finfish production has been stable since 2002.

In the shellfish sector, blue mussels (96,000 tonnes) and cross-cut carpet shell (vongole veraci, 30,000 tonnes) are the main species. Finfish farming is divided into freshwater fish species and marine species. The output of freshwater farmed fish amounts to 40,700 tonnes, of which rainbow trout (37,800 tonnes) has the major share, followed by sturgeon (1,700 tonnes) and European eel (1,200 tonnes). Production of the marine farmed fish amounts to 28,100 tonnes, where seabream (9,400 tonnes) and seabass (7,900 tonnes) are the main farmed species.

The Italian aquaculture sector is represented by small size enterprises, dominated by family run business with no more than 5-10 employees. The ‘legal status’ firms in the shellfish segment are mostly co-operative organisations, where every worker is also a member of the organization. The total number of employees in the fisheries and aquaculture sector was 58,100 persons (2011).

Our International Open Access Journals

- **700+** Leading-edge Peer Reviewed Open Access Journals
- **21 Day** Rapid Review Process
- **50000+** Editorial Board Team, **35000+** Reviewers team
- **30 Million Readers** and High Visibility
- **1000+ Scientific Associations** Collaborations
- **100000+**  Likes
- **Publication** immediately after acceptance
- **Quality and Quick** editorial, review processing

Salient Features

- **Easy to Submit** and Review Systems
- **High Quality** and Fast Publishing Guaranteed
- **Unbiased, quality-oriented,** and transparent reviews
- **Truly impartial recognition** of the best papers
- **Feedback** on the impact of every article
- **Enhanced feature:** Audio version of published paper
- **Digital articles** to share and explore
- **Sharing option:** Social networking enabled
- Authors, reviewers and editors are provided with **scientific credits**
- User friendly/feasible website articles **translations** across more than **50 world languages**

Our International Scientific Conferences

- More than **3000 Conferences** happening across the globe
- Conferences organized in **Medical, Pharma, Engineering, Science, Technology and Business.**
- **CME/CPD Accredited** Conferences fostering professional and Personal development
- **Continuum of education** through organized scientific program
- **Renowned speakers** and scientists representing from **40 countries**
- **Highly Interactive sessions** and Panel Discussions
- **B2B Meetings** offers perfect platform for Global Networking

Salient Features

- Robust on-line publicity for all the speakers and organizing committee members
- Career Guidance Workshops for students and early career researchers
- Accepted Abstracts will be published in various indexed journals
- Accepted abstracts will be labeled with a Digital Object Identification Number (DOI) provided by Cross Ref
- Creation of speakers and abstracts pages in Google
- Opportunity to publish full Manuscripts in our Open Access Journals

Special Issues : All accepted abstracts will be published irrespective Conference Series Journals

Each abstract will be provided with digital Object Identifier by



About Conference

- **Aquaculture 2017** Conference website is attracting **25000+** online visitors ranging from Researchers, Academicians and Business professionals, who are working in this field. This unique opportunity that we extend to our speakers and attendees is not being offered by any other conference organizers. Through this the abstracts and research profiles of our speakers and organizing committee members getting global visibility which is an additional feature that you would be receiving in addition to networking opportunities before, during and after the conference.

How Conference Series Conferences differs from others?

- **3000+** Conferences across the globe in **30+** countries all through the year
- Over **25 Million+** Visitors and **20000+** Unique Visitors per conference
- Participation by **Stalwarts** from various international societies
- Internationally renowned speakers and scientists representation
- Career guidance for early career researchers and students
- Interesting scientific deliberations and discussions
- Perfect platform for Global Networking

Aquaculture 2017 salient features

- Meet Academia and Industry visionaries to get inspired
- Expand your knowledge and find solutions to problems
- Knowledge, Benchmarking and Networking offered at one place
- Forge connections and for global networking
- Highly Organized and Structured Scientific programs
- Poster presentations and world class exhibitions
- Meet with new vendors and suppliers



About Conference

R o m e , I t a l y

Purpose

7th International Conference on Aquaculture & Fisheries is an arena for interdisciplinary exchange among professionals in the Aquaculture and Fisheries sector.

Goals

- The conference program emphasizes evidence-based practice, educational innovation, practical application, and peer to peer networking and collaboration. The goals of the conference is to provide a transformative professional development experience through
- Bringing together the world's scientific experts to catalyze and advance scientific knowledge about Aquaculture & Fisheries present the most recent research findings, and promote and enhance scientific collaborations around the world
- Bringing together community leaders, scientists, and policy leaders to promote and enhance programmatic collaborations to more effectively address regional, national and local responses to Elderly Population around the world and overcome barriers that limit access to care and services.

Objectives

After participating in this meeting, attendees should be able to

- Discuss emerging issues in Aquaculture
- Discuss and apply recent research findings related to Aquaculture
- Reflect on the place of critical distance in Aquaculture

About Conference

R o m e , I t a l y

Who should attend

7th International Conference on Aquaculture & Fisheries is exclusively designed for academicians, scientists, researchers, students, CEOs, presidents, directors and others engaged in endeavors related to aquaculture research and business.

About hosting organization

Conference Series is the world's leading specialist in organizing Academic, Scientific and Business conferences, meetings, symposiums and exhibitions in different verticals and horizontals like Medical, Pharma, Engineering, Science, Technology and Business to promote scientific research. Every year we host more than **3000+ global events** inclusive of **1000+ Conferences** **1000+ Symposiums** **1000+ Workshops** in **USA, Europe, Middle East and Asia** with the generous support and cooperation from our **30000+ Editorial Board Members**, **1000+ Scientific Societies**. All the conference proceedings are published in the special issues of our **700+ Open Access International Journals** with the DOI provided by



Major sessions

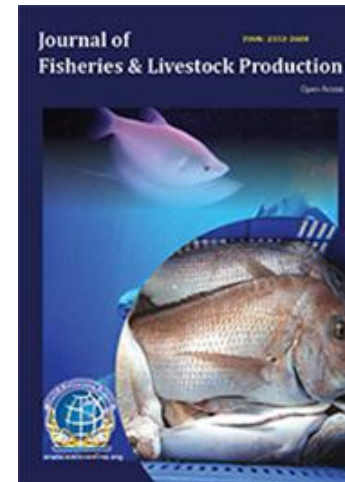
- Track 1: Aquaculture Law and Policy
- Track 2: Sustainable Aquaculture
- Track 3: Aquaponics
- Track 4: Diversification in Aquaculture
- Track 5: Fishing Technology
- Track 6: Aquaculture Supplies
- Track 7: Ethical Issues in Aquaculture & Fisheries
- Track 8: Aquaculture Related Diseases and Health Management
- Track 9: Aquaculture Economics & Management
- Track 10: Benefits of Aquaculture

About Conference

Rome, Italy

Supporting Journals

- Journal of Aquaculture Research & Development
- Fisheries and Aquaculture Journal
- Journal of Fisheries & Livestock Production



Media partners/Sponsors



About Rome

Why Rome: Rome is the capital of Italy; it is also the country's largest and most populated comune and fourth-most populous city in the European Union. The Metropolitan City of Rome has a population of 4.3 million residents. The city is located in the central-western portion of the Italian Peninsula, within Lazio (Latium), along the shores of Tiber River. Vatican City is an independent country within the city boundaries of Rome, the only existing example of a country within a city: for this reason Rome has been often defined as capital of two states. Roman mythology dates the founding of Rome at only around 753 BC; the site has been inhabited for much longer, making it one of the oldest continuously occupied cities in Europe. It is referred to as "Roma Aeterna" (The Eternal City) and "Caput Mundi" (Capital of the World), two central notions in ancient Roman culture. One of the most important city, Rome, was founded in 753 B.C. by Romulus.

Rome is a sprawling, cosmopolitan city with nearly 3,000 years of globally influential art, architecture and culture on display. In 2005, the city received 19.5 million global visitors, up of 22.1% from 2001. Rome ranked in 2014 as the 14th most-visited city in the world, 3rd most visited in the European Union, and the most popular tourist attraction in Italy. Its historic center is listed by UNESCO as a World Heritage Site. Monuments and museums such as the Vatican Museums and the Colosseum are among the world's most visited tourist destinations with both locations receiving millions of tourists a year. Rome hosted the 1960 Summer Olympics and is the seat of United Nations' Food and Agriculture Organization (FAO). Rome is the city with the most monuments in the world. The weather is fantastic in Rome in June, when the average temperature starts off at around 20°C and gradually climbs up to 23°C-24°C as the month progresses.

Italy has a large and international network of public and state affiliated universities and schools offering degrees in higher education. State-run universities of Italy constitute the main percentage of tertiary education in Italy, and are managed under the supervision of Italian's Ministry of Education. Italian universities are among the oldest universities in the world. In particular the University of Bologna (founded in 1088) and the University of Padua, founded in 1222, are the oldest state universities in Europe. According to the City Brands Index, Rome is considered the world's second most historically, educationally and culturally interesting and beautiful city..

Venue & Accommodation

Rome, Italy

Venue & Accommodation

Rome, Italy



Contact us

Patrick Thompson

Program Manager | Aquaculture 2017

Conference Series

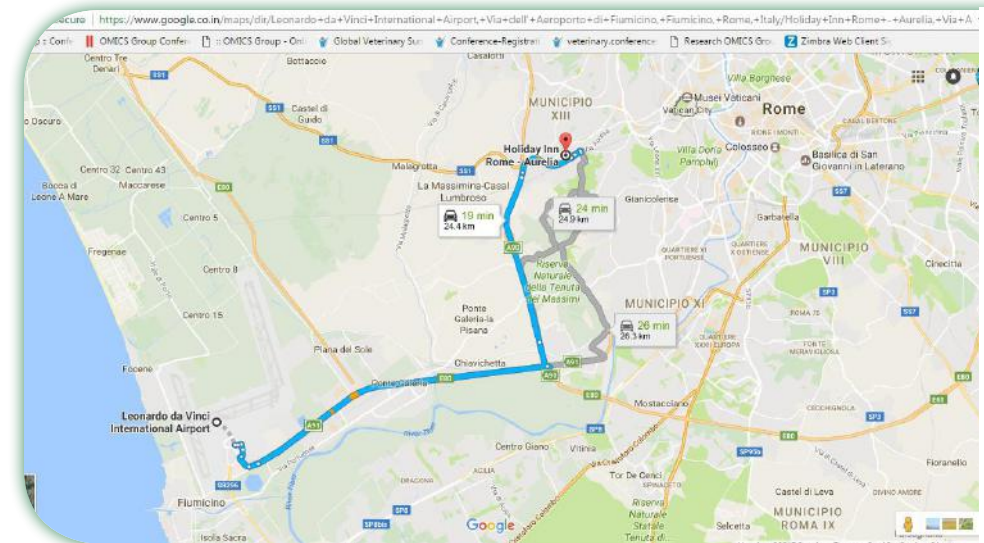
One Commerce Center-1201 Orange St. #600,

Wilmington Zip 19899, Delaware, USA

W: aquaculture-fisheries.conferenceseries.com

E: aquaculture@aquaconferences.com

Tel: +1-888-843-8169, Fax: +1-650-618-1417



Route Map

Registrations

ACADEMIC

Only Registration: **USD 699**

Package A (Registration + 3 nights' Accommodation): **USD 1119**

Package B (Registration + 4 nights' Accommodation): **USD 1259**

BUSINESS

Only Registration: **USD 799**

Package A (Registration + 3 nights' Accommodation): **USD 1249**

Package B (Registration + 4 nights' Accommodation): **USD 1399**

STUDENT

Student Oral: **USD 349**

Student Poster: **USD 399** (USD 299 + USD 100 for Poster)

Student Delegate: **USD 299**

E-poster: **USD 99**

To register online, please visit:

<http://aquaculture-fisheries.conferenceseries.com/registration.php>

Important Dates

Abstract submission opens: **December 01, 2016**

Registration opens: **December 01, 2016**

Early bird registration: **June 30, 2017**

On spot registration: **October 19, 2017**