



Please register the farm visits online with your registration on [www.was.org](http://www.was.org)  
(Click the event logo and go to registration)

## We have two Farm Tours for you to choose

### (A) : Pre Tour on November 29,2022 ( Half Day)

<b>Date</b>	:	<b>29 November 2022 (Tuesday)</b>
<b>Farm Tour (A)</b>	:	St John's Island National Marine Laboratory and Marine Aquaculture Centre
<b>Timing</b>	:	8:00 am to 12:15 pm
<b>Cost per person</b>	:	USD 80.00
<b>No of persons</b>	:	Min/Max 20 persons

### (B) : Post Tour on December 3,2022 ( Half Day)

<b>Date</b>	:	<b>03 December 2022 (Saturday)</b>
<b>Farm Tour (B)</b>	:	Land-based Food Fish and Dragonfish Farms
<b>Timing</b>	:	1:00 pm to 6:00 pm
<b>Cost per person</b>	:	USD 80.00
<b>No of persons</b>	:	Min 25 persons / Max 60 persons

<b>Date</b>	:	<b>29 November 2022 (Tuesday)</b>
<b>Farm Tour (A)</b>	:	St John's Island National Marine Laboratory and Marine Aquaculture Centre
<b>Timing</b>	:	8:00 am to 12:15 pm
<b>Cost per person</b>	:	USD 80.00
<b>No of persons</b>	:	Min/Max 20 persons

## TOUR OVERVIEW

Visit Singapore's only offshore marine research facility and Singapore Food Agency's Marine Aquaculture Centre, an aquaculture research facility.

### ST. JOHN'S ISLAND NATIONAL MARINE LABORATORY

Website: <https://sjinml.nus.edu.sg/>



Under the National Research Infrastructure (NRI) scheme, the St. John's Island National Marine Laboratory (SJINML), Singapore's only offshore marine research facility, is now open to ALL marine science researchers.

The marine laboratory is strategically located next to the Sisters' Islands Marine Park, Singapore's first marine nature reserve. The high-quality seawater pumped into aquaria at SJINML provides unique opportunities for high impact research in marine science.

### MARINE AQUACULTURE CENTRE

Website: <https://www.sfa.gov.sg/food-farming/aquaculture-services/marine-aquaculture-centre>

SFA's Marine Aquaculture Centre (MAC), located on St John's Island in the open southern waters of Singapore, was established in 2003 to deepen Singapore's expertise in the areas of aquaculture genetics, nutrition and health. MAC carries out research and development in tropical aquaculture through partnerships and collaboration with the industry. Their programmes focus on these areas:

- **Asian Seabass:** MAC partners with Temasek Life Sciences Laboratory (TLL) on Asian seabass selective breeding programme, to breed genetically superior Asian seabass lines with fast-growing traits, high disease resistance and high omega-3-fatty acid content.
- **Large-scale fry production technology:** MAC undertakes R&D in large-scale hatchery production technology to ensure long-term sustainable supply of marine fish fry. MAC has developed a prototype closed Recirculating Aquaculture System (RAS) which has enabled the control of diseases such as Big Belly Syndrome and minimises waste discharges.

MAC welcomes research institutes and Institutes of Higher Learning (IHLs) to conduct collaborative R&D projects and provides shared facilities such as replicated tank systems for research and incubator spaces for test-bedding and commercialisation of R&D results. MAC also makes available key biological materials such as eggs, larvae, rotifers and microalgae for aquaculture research.





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### TOUR OVERVIEW

Visit Singapore's land-based fish farms and Aquaculture Innovation Centre.

### BLUE AQUA INTERNATIONAL GROUP

Website: <https://www.blueaquaint.com/>



Blue Aqua International is a one-stop solution provider for the aquaculture industry in the Asia-Pacific region and the United States. Blue Aqua Group has presence in 14 countries around the world and is headquartered in Singapore. It provides expert views and solutions for the improvement of health, nutrition and feed quality, technology transfer, and project management services in livestock, poultry, and aquatic animals. The company manufactures and distributes specialty products and services to their customers. Its innovative and holistic solutions enable clients to raise profits and operate their businesses sustainably and environmentally friendly.

The company brings years of industry expertise and practical knowledge in order to provide solutions to current problems while maintaining future concerns of the emerging markets. Blue Aqua International has developed a cost-productive super-intensive culture method and farm system design capable of producing 600 tonnes of fish and 120 tonnes of shrimp annually within a limited land space of 1.5 hectares in Singapore. This modular system will be replicated in Oman, Qatar, and the United Kingdom to extend the company's global reach.

### NIPPON KOI FARM

Website: <https://www.nipponkoifarm.com/>

Nippon Koi Farm is one of the largest koi farm in Singapore and had been in the Japanese Koi Industry for more than 30 years. In the last few years, we had diversified some areas into food fish breeding with Aquaponics being part of its efforts to meet the national strategic goal of locally producing 15% of the total fish consumption within Singapore.



In order to boost the supply of locally grown produce, Nippon Koi farm has created and developed its own in-house proprietary farming methods in the area of Aquaponic where we are breeding the Australian Silver Perch Fish, Jade Perch, Patin Fish, Prawns and also 100% Pesticide FREE vegetables grown in our integrated aquaponic.

### AQUACULTURE INNOVATION CENTRE

Website: <https://www.tp.edu.sg/aic>

Aquaculture Innovation Centre (AIC) adopts an inclusive and collaborative approach involving a consortium of 9 research institutes, agencies, universities and polytechnics. AIC envisions to be a major player for its innovation and technology in applied research and IP translation, quality consultancy services, training programmes and licensing of products and technologies with the objective of growing aquaculture enterprises, locally and regionally.

AIC operates through co-operating and co-sharing of expertise, facilities, intellectual properties and resources amongst the AIC consortium members to serve the needs of the local aquaculture enterprises for improving farm productivity..



The Aquaculture Research Facility, at the Centre for Aquaculture & Veterinary Science in Temasek Polytechnic, is one of the facilities that AIC uses for industry contract services, research and training.