

SEMINAR

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Hosted by Prof Gong Zhiyuan

Aquaculture in Singapore - Challenges and Opportunities

Aquaculture in Singapore is undergoing significant transformation from a traditional farming activity to a science and technology driven industry incorporating marine biology, microbiology, veterinarian science, engineering, marketing and financial management. This transformation is underwritten by the government's 30 by 30 program - to provide 30% of the nation's nutritional needs by 2030. Transformation is not without challenges and in this talk some well known geographical constraints and some less well understood market forces facing the industry will be highlighted. Potential solutions and research opportunities will also be discussed.



By **Steven Fong**

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Dr Steven Fong obtained his PhD in Fish Developmental Biology in 2005 and developed his research career with IMCB until 2011. He then joined the aquaculture industry as a practitioner and was a pioneer in the establishment of Recirculating Aquaculture System in Singapore. He was also a CITES certified breeder of the endangered Asian Arowana. In 2015, he joined Republic Polytechnic as a senior lecturer and became Program Chair of the Diploma in Marine Science and Aquaculture in 2018. He was also involved in the development of the Diploma in Urban Agriculture Technology that was launched in 2019. He retired from Republic Polytechnic in 2022.