



Research and Extension - TECA Webinar

RICE-FISH INNOVATIONS: Good practices for small agricultural producers

Tuesday 15 February 2022

| 10:30 – 12:00 CET (Rome time)

| 17:30 – 19:00 北京时间

Interpretation English - Chinese

Registration link: https://fao.zoom.us/webinar/register/WN_xs_il3sRkC8sVZJ7kzCCg

AGENDA

SESSION I: Introduction

- **Rice-Fish Innovations: Application, importance & impacts**
Xinhua Yuan, Team Leader, Aquaculture Technology and Production Team of Fisheries and Aquaculture Division (FAO).
- **TECA - Technologies and Practices for Small Agricultural Producers**
Selvaraju Ramasamy, Senior Agricultural Officer & Head of Research and Extension, Office of Innovation - Food and Agriculture Organization of the United Nations (FAO).
- **Q & A session**

SESSION II: Good practices for smallholder agricultural producers

- **Complex Rice Systems (rice, fish, duck, aquatic plants) in Indonesia**
Uma Khumairoh, Scientist, WorldFish Center, Indonesia.
- **Rice-Fish Culture System (RFC)**
Liu Moucheng, Associate Professor of Institute of Geographic Sciences and Natural Resources Research (IGSNRR), Chinese Academy of Sciences (CAS), partner of FAO-Globally Important Agricultural Heritage Systems (GIAHS).
- **Nutrition Sensitive Fish Production in Homestead Ponds in Bangladesh**
Benoy Kumar Barman, Senior Scientist, WorldFish Center, Bangladesh.
- **Q & A session**

Key messages and Conclusion:

Matthias Halwart, Senior Aquaculture Officer & Head of Aquaculture Branch of Fisheries and Aquaculture Division (FAO).

Rice and fish are one of the main sources of nourishment and income for many people around the world.

Standing water in rice fields promotes the development of a teeming ecosystem with aquatic life such as fish, where fish are grown concurrently or alternately with rice.

This system called 'Rice-Fish Culture System' offers many social, economic and environmental benefits.

Farmers can increase their income because the rice yield is higher, and an additional income is generated from the fish sales.

Environmentally, with this practice farmers save on fertilizers and pesticides because fish eat insects maintaining a perfect ecological balance that improves biodiversity.

This webinar highlights the benefits of implementing rice-fish culture system.

The TECA Platform contains a wide range of practices that promote field practices from different parts of the world. All practices have been tested by farmers on their farms for several years with positive results.

[TECA \(Technologies and Practices for Small Agricultural Producers\)](#) is an online FAO platform that gathers successful agricultural technologies and practices from various partners to facilitate knowledge exchange.

The TECA platform fills the gap in knowledge sharing and provides practical information on proven agricultural technologies and practices, promoting sustainable agriculture and contributing to achieve the Sustainable Development Goals (SDGs) of FAO.

For further information :

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<https://teca.apps.fao.org/teca/en>

