



# Workshop 1: Addressing Food Security Through Sustainable Aquaculture

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## OVERVIEW

- Aquaculture continues to grow and is making a significant contributions to fish production, food security and livelihoods in the East Asian Seas Region.
- Addressing various environmental, social, economic, market and governance challenges is important for future aquaculture development in the Region.
- EAS has shown good progress in development of better aquaculture farming technologies and planning practices. Highlighted during the Workshop session were integrated multi-trophic farming systems, sea-ranching methods, new carrying capacity models and mariculture parks.
- Integration of aquaculture into integrated coastal management (ICM) continues to show promise, but practical and wide-spread implementation is required. Participants from the Philippines, Thailand and Indonesia presented various valuable experiences and lessons on aquaculture and ICM.





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## Conclusions

- Aquaculture has an important future role in the EAS Region, and future growth can contribute to food security, poverty reduction and improved nutrition.
- However, the various concerns about the sustainability of the sector need to be addressed through improved practices and governance.
- There are an increasing number of experiences in better management of the aquaculture sector but the challenge is implementation and scaling up of these experiences.
- At the same time, further improvements in technologies and farming systems, environmental management and sector governance are also required.
- There is a particular need for cooperation and partnerships at various levels to improve governance arrangements for the sector at all levels.



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## Recommendations

1. Continue to strengthen sharing experiences in good practices and create better awareness of the benefits of aquaculture, and of ways of doing things better
2. Conduct cost-benefit analysis to determine the best approaches to integration of aquaculture into coastal management and use the information to put together arguments for governments.
3. Develop better understanding and awareness around some key issues: (i) improving social benefits of aquaculture; (ii) nutritional quality of aquaculture products; and (iii) ecosystem approaches in practice
4. Improve indicators for monitoring growth and performance of aquaculture
5. Better understand the impact of climate change on aquaculture and role of aquaculture in mitigation responses to climate change.

