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Ernesto A Chavez

Interdisciplinary Center for Marine Sciences, Mexico

The future of fisheries and fisheries science

Within all the problems that society faces, in the context of a population boom and a growing environmental pollution, the future of the fisheries is burdened by the political trends and the ruling economic and social factors. The development of fisheries is in the midst of the need to feed a growing human population and the consequences of the depletion of exploited stocks, motivated by economic interests and constrained by their finite biomass. Economic factors, social factors and the dynamics of fisheries face each other, multiple interacting problems, but they have their own dynamics and complicate the possibility of finding isolated and independent solutions. Aquaculture seems to offer a light of hope for mankind by helping to solve the problem of producing food from the aquatic environment. However, this is not a permanent solution. There are certain trends in fishery development which in practice, may contribute to a future that can help fisheries to become truly sustainable, such as reduction of discharges, gradual reduction of the production of large vessels, improvement of management measures, increased involvement participation of the, eco-labeling of fishery products, reduction of illegal fishing, relative price stability and certification of many fisheries, among others. All these factors open a window of hope that allows us to expect that the sustainability of fishing can become a reality, rather than a utopia. In this, meeting we will be presenting papers with different orientation and I am confident that as a whole, all the participants will contribute to achieve that desired goal.

Biography

Ernesto A Chavez did his PhD in 1978. He is the Professor of the Marine Sciences Research Centre of the Polytechnic Institute in La Paz, Mexico. His research interests are Bio economic assessment of fisheries by simulation, impact of climate on fisheries, coral reef ecology. He is the teacher of the courses, fisheries simulation, fisheries management and coral reef ecology at the graduate program of his research centre. He has been adviser of 25 MSc thesis B Sc, 16 at the M Sc Program and 5 at Ph D level. He has led 17 research projects and has collaborated on another 16. He has published more than 150 scientific papers, including the co-edition of a book on the coral reefs of the south Gulf of Mexico (2007), translated into Spanish (2010).

echavez@ipn.mx

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