PULSUS
Journal of
Aquaculture and Fisheries Management
Abstract

Fish production in Amazon Rain Forest: the importance of the fisheries resources and the future of aquaculture and aquaponics

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Abstract:
The aim of this presentation is to demonstrate the interactions and potentialities that exist between the largest forest in the world and its immense natural capacity to produce fish. The Amazon Rain Forest is world famous for its beauty and majesty. Mythical place, is home to half of the world's remaining tropical forests in an area equivalent to half of the European continent. Its rivers and lakes present an enormous productivity of fishes that naturally inhabit the world´s largest hydrographic basin. Because of that, Amazon Rain Forest is one of the main hotspots for the world production of aquatic food, but it still needs to be explored and conquered. What is the productive capacity of the Amazon fisheries resources? How can this productivity contribute to the global fish market? How is aquaculture done in Amazon? What are the Amazonian species with the greatest potential for aquaculture? What are the prospects for the cultivation of exotic species (such as Tilapia and Pangasius) in Amazon Hydrographic Basin?

Biography:

Graduated in Fisheries Engineering from the Federal University of Amazonas (2009) and Master in Freshwater Biology and Inland Fisheries from the National Research Institute of the Amazon (2012). He is currently an Assistant Professor at the Federal University of Western Pará and a PhD student in Fisheries Sciences in the Tropics at the Federal University of Amazonas. He has experience in the area of Fisheries Resources and Fisheries Engineering, with an emphasis on Aquaculture, acting mainly on the following themes: aquaculture production, economic viability, environmental licensing, bioflocations, environmental control plan and environmental impact studies.

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Citation: Thiago Marinho-Pereira; Fish production in Amazon Rain Forest: the importance of the fisheries resources and the future of aquaculture and aquaponics; Aquaculture & Marine Biology 2020; October 19-20, 2020; London, UK