Nanotechnology as a Novel Tool in Fisheries and Aquaculture Development: A Review

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Application of nanotechnology has revolutionized many frontier areas; it is paving a way for the researchers for possible application in all sectors. Nanotechnology holds promise for various aspects of fisheries and aquaculture development, like fish health management, fish breeding, aquatic environment management and other areas. Nanotechnological intervention will help to meet the global challenges associated with aquatic organism production, including environmental sustainability, human health, disease control and food security. This aspect of aquaculture and Fisheries is still in infancy and require attention of the scientific fraternity for its widespread use to harness its potential benefit. In the present paper a review on the application of nanotechnology in fisheries and aquaculture is presented.

Keywords: Nanotechnology · Environmental sustainability · Fish breeding · Human health · Food security

Link to the article: https://www.civilica.com/Paper-JR_IJEE-JR_IJEE-2-3_010.html