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Sustainable Aquaculture for a Secure Future

Title: Genetic Resource Management of Fish

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Abstract: The diverse global ichthyofauna represents a wealth of genetic resources for adaptive evolution, for the development and harvest of present and future sources of human foods, and for germ plasm for aquaculture. Fish make an important contribution to human nutrition worldwide and the demand for fisheries products is increasing. Several production systems are employed in producing and harvesting fisheries products, including capture fisheries, aquaculture, and culture-based fisheries. There are risks of losing genetic variation inherent in each production

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system. However, genetic considerations are not widely applied to the management of fisheries. It is imperative and global strategies for the conservation of fish genetic resources be developed and implemented to ensure the richness of diversity for future generations.

This abstract is excerpted from the original paper, which was in *Genome*, 31:798-804.

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