

Abstract:

This paper tries to estimate the economic value of the mangrove fishery linkage in Pichavaram by employing a long run equilibrium bio economic fishery model developed by Barbier and Strand. The theme behind the model is to consider the environment where the production occurs as an input to production and determine how the changes in the environment affect the production or output. This is simply called the “ Production function approach” .The rationale behind the argument is mangroves act as nursery and breeding habitats for the marine and coastal fisheries. So mangrove environment is considered as an input to production and such unpriced environment entering into the production model affects fish production and the catch, which leads to a change in economic welfare. In Pichavaram the recent growth in mangrove cover in the long run equilibrium, open access fishery has produced an economic gain of Rs 24 lakh per year for a period of years (2005-09), when the Barbier’s dynamic model of production function is employed.