Forage Fish in the California Current Large Marine Ecosystem: Ecological Linkages, Current Catches and Values

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Abstract: I begin my talk by identifying the fish species that inhabit the California Current Large Marine ecosystem (CCLME). Next, I categorize these species into predator-prey and forage and non-forage fishes. I then present the current catches, landed values, payment to labour (wages), capital (profit) and payment to the resource owners (resource rent) from the forage and non-forage species in the CCLME. The goal of this contribution is to lay the foundation for developing an ecosystem-economic model of the CCLME to determine the optimal use of forage fishes in the ecosystem.