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A preliminary model of the Guinean EEZ, 1985-1998¹

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Abstract

The model presented here cover the Exclusive Economic Zone of Guinea (112,000 km² of which 43% has a mean depth less than 200 m) and is presented in two versions, one representing the year 1985 and the other 1998. Demersal trawl surveys showed that trawlable biomass declined considerably from the first to the second of these two periods. However, Ecosim does a reasonably good job of tracking these changes, at least for some important groups. Extension of this work should allow for linking anomalies in the observed time series of catch or biomass to environmental events, notably strong rains which change the survival of juveniles in their estuarine habitats.

¹ Complete text in French.

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