

MARLIN@CMFRI

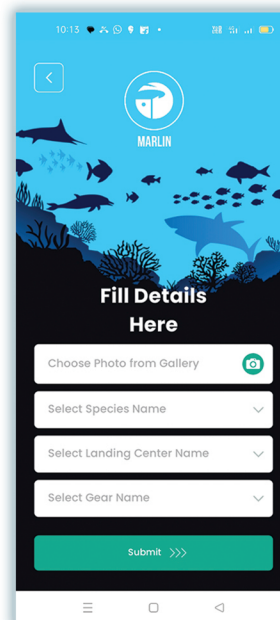
Comprehensive Media Sharebase for
MARine Fishery Machine **L**earning Routines of **IN**dian EEZ

MARLIN@CMFRI is an innovative Android Mobile App developed by Fishery Resources Assessment, Economics & Extension Division (FRAEED) of ICAR-CMFRI under the project *Automated System for Marine Fishery Resources Landing Data Collection Via Computer Vision and AI-Driven Deep Learning Algorithms for Species Identification and Quantification from Visual Images* as a gateway for comprehensive media sharing, stands at the forefront of revolutionizing marine fishery research and identification/assessment efforts in the Indian Exclusive Economic Zone (EEZ). This cutting-edge App is designed to empower users with a platform for uploading high-quality digital images related to marine fish landings and facilitates the development of a comprehensive database for advanced AI-driven automated marine fishery resources identification system.

Key Features:

- **Seamless Photo Uploads:** MARLIN@CMFRI allows users to effortlessly upload photos of marine fish species encountered in the vast expanse of the Indian EEZ. Through a user-friendly interface, contributors can share high-quality images, contributing to a rich visual repository.
- **Species Details:** Beyond simple photo sharing, MARLIN@CMFRI encourages users to provide species details accompanying each uploaded image. This metadata ensures that the database is not only visually comprehensive but also scientifically enriched, facilitating accurate species identification.
- **Geolocation Integration:** Geotagging is a pivotal feature of MARLIN@CMFRI, enabling users to pinpoint the exact location where each marine species was landed. This geolocation data enhances the precision of the database, providing crucial information for researchers and conservationists studying the distribution patterns of various species within the Indian EEZ.

MARLIN@CMFRI is not merely an application; it is a collaborative platform that unites individuals passionate about marine conservation. By bridging the gap between citizen science and cutting-edge technology, MARLIN@CMFRI transforms every user into a crucial contributor to the understanding and preservation of marine biodiversity in the Indian EEZ. Join us in this groundbreaking initiative and be a part of the force driving positive change for Marine Fishery Science.



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