

Central institute develops app to measure fish size hands-free

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The Central Marine Fisheries Research Institute (CMFRI), headquartered in Kochi, Keralam, has claimed to have developed a smartphone application that can measure the length and width of fish without physically handling them.

Named MatsyaMetri, the application, which has been designed for fisheries scientists, researchers, and field survey teams, facilitates rapid and systematic collection of biological data to support fisheries assessment and management.

The application was developed by Eldho Vargh-



Representative photo.

ese, a senior scientist at the institute, according to a CMFRI release.

Grinson George, Director of the institute, said the application simplified biological data collection by automatically recording measurements and generating length-frequency datasets. The application allows multiple individuals

The application simplifies biological data collection by recording fish measurements

of the same fish species or aquatic resource to be measured under a single sampling session. Once measurements are completed, the system automatically generates length-frequency distributions using appropriate class intervals.

The recorded measurements and the corresponding photographs can be saved along with the sampling session and subsequently exported as a CSV file for further analysis.