

Hands on Training on **FISH AGEING USING HARD PARTS**

15 - 24 January, 2020

Organized by
Pelagic Fisheries Division



ICAR - Central Marine Fisheries Research Institute

Post Box No. 1603, Ernakulam North P.O.,

Kochi-682 018, Kerala, India

Web: www.cmfri.org.in

ICAR-Central Marine Fisheries Research Institute

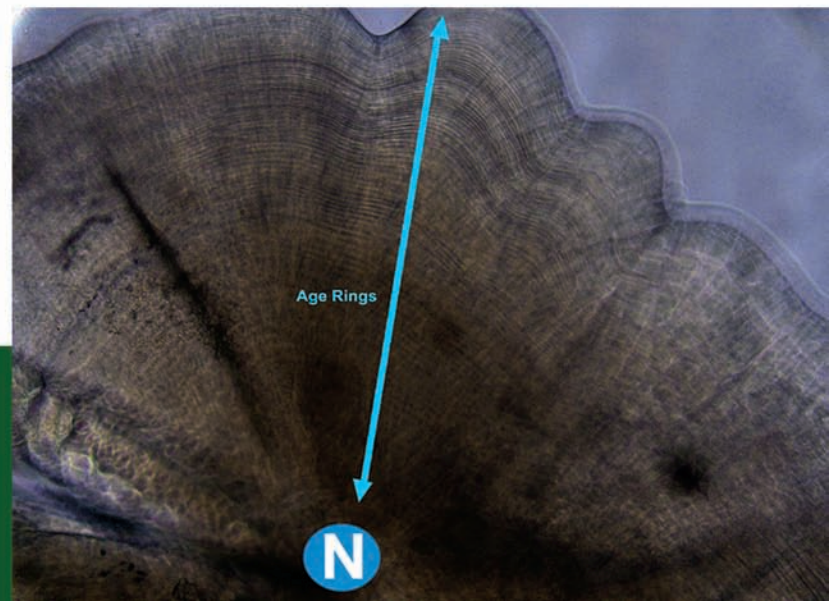
ICAR- Central Marine Fisheries Research Institute is one of the leading tropical marine fisheries research organisations in the world. The Institute is mandated to develop strategies for managing the marine fishery resources for their sustainable exploitation from the seas around Indian coast. Institute established fish ageing laboratory at CMFRI, Kochi for supporting the fisheries research programmes. The laboratory is equipped with advanced facilities for digital imaging and analysis. The facility is aimed at supplementing fishery biology and stock assessment programmes, by aiding in determining the age of fishes using hard parts.

About the training

Fisheries management relies on proper understanding of population dynamics of the fish species including biology and ecology. Information on their age structures plays a significant role in fisheries science, as most fish population models are based largely on age-dependent population characteristics. The most common approach in modeling age and growth of exploited species is modal progression analysis. However, precision of the outcome is largely influenced by the bias involved in sampling and analytical procedures. To surpass this in recent days, globally age of fishes were being accurately estimated from selected hard parts to improve the stock assessment models.

Topics to be covered

- Introduction to age and growth in fishes
- Ageing methods
- Conventional ageing methods
- Ageing using hard parts
- Use of ageing data in stock assessment



Target Group

Scientists/Teachers, Technicians, Research scholars and students

How To Apply

Interested candidates should send the completed application form to "pfdcmfri2017@gmail.com". Last date for receiving the application is 15th December 2019. Selected candidates will be informed via email.

Fees Details

The training fee is Rs. 10,000 (inclusive of service charges) per person, which includes application fee, course fee, course material.

Travel

The expenditure on travel, TA, DA, etc., has to be borne by the sponsoring authority / or by the candidates themselves. Local transport facility will be provided for field visits.

Boarding and Lodging

Since the Institute is having limited hostel facilities, suitable accommodations will be arranged on payment basis on advance requisite.

CONTACT DETAILS

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Director

ICAR-CMFRI

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Course Co-ordinator

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1. Name :
2. Designation :
3. Date of Birth :
5. Present employer and address :
6. Address for communication (including tel/mob/fax & email) :
7. Area of research & Professional experience :
8. Academic record (graduation onwards) :

It is certified that the information furnished to me is true to the best of my knowledge

Date: _____ Signature of the Applicant

Place:

Recommendation of forwarding authority if any :

Signature

Name & Designation



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