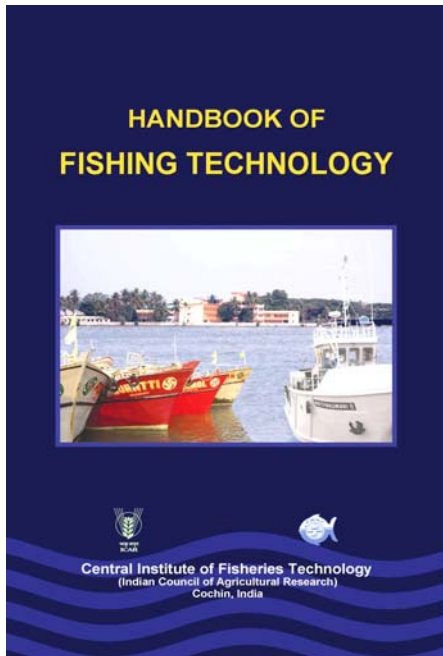


Book Release Announcement



Handbook of Fishing Technology

Meenakumari, B., Boopendranath, M.R., Pravin, P., Thomas, S.N. and Edwin, L. (Eds) (2009) Central Institute of Fisheries Technology, Cochin

Size: Crown Quarto (10x7½"); Hardbound; Pages: 380; Price: Rs. 500.00

ISBN : 978-81-905878-1-5

A new CIFT publication titled *Handbook of Fishing Technology* was released by Dr. C.D. Mayee, distinguished scientist and Chairman, Agricultural Scientists' Recruitment Board (ASRB) New Delhi, at a function held at Central Institute of Fisheries Technology, Cochin, in the evening of 20th November 2009. The first copy was received by Dr. G. Syda Rao, Director, Central Marine Fisheries Research Institute, Cochin.

There is a great diversity in the fish harvesting systems in use in the capture fisheries sector of India. They range from simple fishing gears such as gill nets, hooks and lines or traps fabricated from basic materials at minimal cost to advanced mechanized systems operating trawls, purse seines or long lines requiring high investment and skill. Rapid advances have taken place in fish detection techniques, fishing gear materials and design, fabrication and operation of fishing gear, during recent years. These developments while leading to increased fish production have also raised issues of long-term sustainability of fishery resources, protection of biodiversity, environmental safety and energy conservation and highlighted the need for adoption of responsible fishing techniques as enshrined in the FAO Code of Conduct for Responsible Fisheries. In this context, the new publication from Central Institute of Fisheries Technology, Cochin, titled *Handbook of Fishing Technology*, will be a useful source of information for researchers and students of responsible fishing and personnel involved in management and regulation of capture fisheries. An exhaustive subject index is provided, for ease of reference.



**Release of the new CIFT publication Handbook of Fishing Technology,
by Dr. C.D. Mayee, Chairman, ASRB.**

(From left to right: Dr. M.R. Boopendranath, Dr. G. Syda Rao, Dr. C.D. Mayee, Dr. P.N. Joshi,
Dr. K. Gopakumar, Dr. S. Balsubramniam and Dr. T.K. Sreenivasa Gopal)

The following chapters contributed by experts in the subject area are included in the handbook:

- Capture fishery resources of India (*S.K. Panda*)
- An overview of fishing gears and their design and construction (*M.R. Boopendranath*)
- An overview of fishing vessels (*Leela Edwin*)
- Fishing craft materials (*Leela Edwin*)
- Fishing gear materials (*B. Meenakumari*)
- Fishing floats and sinkers (*Saly N. Thomas*)
- Protection of fishing vessels from corrosion and biofouling (*P. Muhamed Ashraf*)
- Demersal trawls and their operation (*M.P. Remesan and P. Pravin*)
- Midwater trawls and their operation (*V. Vijayan*)
- Purse seines and their operation (*P. Pravin*)
- Gillnets and their operation (*Saly N. Thomas*)
- Lines and their operation (*P. Pravin*)
- Traps and their operation (*B. Meenakumari*)
- Gear handling equipments onboard fishing vessels (*M.V. Baiju*)

- Acoustic fish detection and gear monitoring devices (*M.R. Boopendranath*)
- Responsible fishing operations (*M.R. Boopendranath*)
- Selectivity of gill nets (*Saly N. Thomas*)
- Selectivity of trawls (*P. Pravin*)
- Application of Geographical Information System in fisheries management (*R. Raghu Prakash*)
- Remote sensing and fisheries (*U. Sreedhar*)
- Fish aggregating devices (*G. Rajeswari*)
- Ecosystem effects of fishing (*V.R. Madhu*)

Copies of the publication can be ordered from the Director, Central Institute of Fisheries Technology, CIFT Junction, P.O. Matsyapuri, Cochin – 682029, India, specifying the number of copies and enclosing the DD for the total face value of the book (Rs. 500 per copy), drawn in favour of the Director, Central Institute of Fisheries Technology, Cochin, payable at Cochin.

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