



## Indigenous craft and gears used for crab fishery in Cochin estuary, Kerala, southwest coast of India

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### Questionnaire for the survey of craft and gear used for crab fishery

1. Name of the respondent: .....
2. Gender: Male  Female
3. Name of fishing village/Landing site: .....
4. Fisher's status: Full time  Part time  Ocassional
5. If part time, specify other occupation: .....
6. Fishing experience in years: (a) 1-5  (b) 6-10  (c) 11-15  (d) 15 and above
- (e) Ethnic group: .....
7. How many hours do you spend on water for fishing? Daily ..... weekly .....  
Seasonally.....
8. How much time takes to reach the fishing ground? .....
9. How deep is the ground you fish? .....
10. What species of fish are usually caught? .....
11. Which kind of species do you catch most? .....

#### **If crab is the targeted group, please fill details**

12. What are fishing gear(s) used for crab? (a) gill net  (b) drag net  (c) cast net   
(d) Chinese dip net  (e) Stake net  (f) Ring net

13. If gill net is used its mesh size: (a) 70 -90 mm  (b) 100-120 mm  (c) 130-150 mm   
(d) 160-180 mm  (e) others.....

14. Length of the gill net: (a) 100-150 m  (b) 150-200 m  (c) 200-250 m   
(d) 250-300 m  (e) 300-350 m  (f) Others.....

15. Depth of the gill net: (a) 1 m  (b) 2 m  (c) 3 m  (d) 4 m  (e) 5 m   
(f) Others.....

16. Material used for webbing? (a) Polyamide (PA)  (b) Polyester (PES)   
(c) Polyethylene (PE)  (d) Polypropylene (PP).

17. Type of floats and number of floats used?.....

**If ring net is used**

18. Diameter of the ring?.....

19. Depth of the net?.....

20. Material used for the netting?.....

21. Type of float and number of the floats?.....

22. Other type of net used please mention its name and specific dimensions

23. Hook and lines used for crab fishery?

(a) Hand line  (b) Pole and line  (c) Long line

24. If any specify its operation

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25. Any other gear in which crab get as by catch?

(a) Drag net  (b) Cast net  (c) Chinese dip net  (d) Stake net

26. Other methods/traps used to catch the crab? If any specify its size and operation

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27. Any indigenous methods or traps used to catch the crab? If any specify its operation

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 .....

28. What factors influencing fishing operation?

- (a) Environmental parameters  (b) Fishing Skill  (c) Indigenous traditional knowledge

29. CPUE (in kgs) of different gears:

- (a) gill net  (b) drag net  (c) cast net  (d). Chinese dip net  (e) Stake net   
 (f). Ring net

30. Gear wise composition of catch (%) (a) Peak Season  (b) Offseason

31. Gear wise composition of juveniles/discards (%) (a) Peak Season  (b) Offseason

32. Gear wise quality of catch (%):

- (a) Peak Season  Live  Fresh  Bruised   
 (b) Offseason Season  Live  Fresh  Bruised

33. Type of fishing skill: (a) Traditional Knowledge  (b) Acquired knowledge   
 (c) Others

34. Skill on desgin of fishing gear: (a) Traditional Knowledge  (b) Acquired knowledge  (c) Others

**Fishing craft specification**

35. Do you have own fishing craft?: Yes  No

36. If yes, which type? (a) Plank build canoe  (b) Dug-out canoe  (c) FRP Canoes   
 (d) Fiber-glass boat  (e) Coracle  (f) others (specify): .....

37. Do you use an outboard engine or paddle? Outboard engine  Paddle   
 HP of engine .....

38. Dimension of fishing craft(s)? LOA (meter).....Breadth (m)..... Draft (m).....

39. What is the shape of the hull (s)? (a) Flat bottom  (b) V- bottom

(c) others (specify): .....

40. Preservation/protection measures for craft and gears: Traditional  Modern

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