

## Mexico Yucatan Peninsula blue crab - dipnet/pot/trap

INAPESCA-CEDEPESCA Meeting

Friday march 19th, 2021

### Participants

Nombre	Organización
M.C. Minerva Alonso	CeDePesca
M.C. Angel Díaz	CeDePesca
Dr. Raúl Lara Mendoza	INAPESCA
M.C. Esteban Bada Sánchez	INAPESCA
M.C. Ana Gabriela Díaz Alvarez	INAPESCA

### Objectives

- a) To present FIP analysis & results and analyze possible synergies.
- b) Follow-up to the INAPESCA-CeDePesca collaboration agreement.

### Meeting summary

CeDePesca participants presented a brief summary of the FIP development and preliminary results. The results of the Productivity-Susceptibility analysis of blue crab were presented as well as results of the biological monitoring program from May 2019 to March 2020. Information on sizes, sex ratio, number of traps and origin of the catch were presented. Results of size structure, L50 and Von Bertalanffy growth equations, natural mortality and a yield per recruit analysis.

Results were analyzed and discussed. Information was sent to INAPESCA for further analysis.

MC. Díaz considers that for 2021, FIP can support by developing a selectivity analysis to contribute to key elements that are needed to strengthen the assessment of the fishery. MC Díaz is working to determine the key indicators of the fishery for the definition of adequate management measures for the fishery, considering the Management Plan and other instruments that may be generated in the future.

## Agreements

1. CeDePesca will send an agreement form to be evaluated by INAPESCA and facilitate the process.
2. Selectivity studies are required for the fishery, so it is requested to CeDePesca to include this study in workplan.
3. It is requested to CeDePesca support to obtain daily landings data.
4. A next meeting will be scheduled to follow up on progress.

