



PROJECT DOCUMENT

Program Categories: Departmental Programs (Project under Ministry of Marine Affairs and Fisheries)

Project Title: Fish Stock Assessment

Responsible Department: RIIFE-IFRDMD

Total Duration: 2017 – 2020

Funding Sources: Indonesia Government

Estimated Budget for 2020: USD 221,831

1. INTRODUCTION

The Fisheries Management Area (FMA) is Called WPP PD in Indonesia is a management tool that is applied to specifically delineate of Inland fisheries area. Globally, FMA/WPP-PUD is an implementation of the implementation of an ecosystem approach in the management of capture fisheries in inland fisheries. The purpose and objective of this activity is to determine the amount of fish stocks, production potential, sustainable potential yield (MSY) and total catch that can be used as a basis for fisheries management in the Indonesian inland waters. With the data obtained on the numbers above in each KPP-PUD that has been determined, it is expected that it will facilitate the development and management of fisheries and the conservation of fish resources in inland fisheries that are sustainable so that synergy and integration among the inland waters is achieved.

Inland fisheries are aquatic ecosystems that are vulnerable to pollution and are complex and have high diversity. Many types of fish that are endemic and isolated cannot spread easily between different ecosystems. Based on existing data, some species of fish have decreased, threatened with extinction and become scarce and even disappear. Constraints, problems and issues that occur in the mainland water resources are complex and multi-dimensional. Some prominent issues that can be identified include reduction in the quantity and quality of aquatic resources as a result of development by the agricultural sector as well as other sectors of public interest, conflicts over resource use among stakeholders, utilization of excess fishing activities such as occurring in several water bodies.

2. PROJECT

1.1 Goal /Overall Objectives

Establishing of Fish stocks and fish production Potential on Fisheries Management Area number 439, 437, 421, 422, 413 and 434

1.2 Outcomes and Expected Outputs

Outcomes

Fisheries management area on FMA number 439, 437, 421, 422, 413 and 434

Outputs

Value of fish stocks, MSY, fish production potential and total catch

1.3 Project Description/Framework

Activity 1: Determined of Fish stocks and production potential of Inland Fisheries in FMA number 439

Activity 2: Determined of Fish stocks and production potential of Inland Fisheries in FMA number 437

Activity 3: Determined of Fish stocks and production potential of Inland Fisheries in FMA number 434

Activity 4: Determined of Fish stocks and production potential of Inland Fisheries in FMA number 422

Activity 5: Determined of Fish stocks and production potential of Inland Fisheries in FMA number 422

Activity 6: Determined of Fish stocks and production potential of Inland Fisheries in FMA number 413

3. PROGRESS/ACHIEVEMENTS OF ACTIVITIES IN THE YEAR 2019

Project/Activity Title	Duration	Remarks
Value of fish stock, fish production on different ecosystem, types of fishing gear that can be operated, fishing gear specifications Included the size of fishing gear and total catch on FMA number 439	Feb, May, Jul	
Value of fish stock, fish production on different ecosystem, types of fishing gear that can be operated, fishing gear specifications Included the size of fishing gear and total catch on FMA number 437	Mar, Jun, Aug,	
Value of fish stock, fish production on different ecosystem, types of fishing gear that can be operated, fishing gear specifications Included the size of fishing gear and total catch on FMA number 434	Mar, Jun, Aug,	
Value of fish stock, fish production on different ecosystem, types of fishing gear that can be operated, fishing gear specifications Included the size of fishing gear and total catch on FMA number 422	Mar, Jun, Aug,	
Value of fish stock, fish production on different ecosystem, types of fishing gear that can be operated, fishing gear specifications Included the size of fishing gear and total catch on FMA number 421	Feb, May, Jul	
Value of fish stock, fish production on different ecosystem, types of fishing gear that can be operated, fishing gear specifications Included the size of fishing gear and total catch on FMA number 413	Feb, May, Jul	

4. PROPOSED FUTURE ACTIVITIES FOR THE YEAR 2020

4.1 Planning of the Project Activities

1. Project/Activity Title	Duration	Remarks
Activity 1 Determined of Fish stocks and production potential of Inland Fisheries in FMA number 438	Feb, May, Jul, Sep, Dec	
Activity 2 Determined of Fish stocks and production potential of Inland Fisheries in FMA number 433	Mar, Jun, Aug, Dec	
Activity 3 Determined of Fish stocks and production potential of Inland Fisheries in FMA number 412	Feb, Apr, Jul, Dec	
Activity 4 Determined of Fish stocks and production potential of Inland Fisheries in FMA number 413	Mar, May, Aug, Dec	
Activity 5 Determined of Fish stocks and production potential of Inland Fisheries in FMA number 438	Feb, May, Jul, Sep, Dec	

1. Project/Activity Title	Duration	Remarks
Fisheries in FMA number 422		
Activity 6 Determined of Fish stocks and production potential of Inland Fisheries in FMA number 421	Mar, Jun, Sep, Dec	
Activity 7 Determined of Fish stocks and production potential of Inland Fisheries in FMA number 411	Mar, Jun, Sep, Dec	
Activity 7 Determined of Fish stocks and production potential of Inland Fisheries in FMA number 411	Mar, Jun, Sep, Dec	

4.2 Expected Outcomes/Outputs

Proposed Activity	Expected Outcomes/Outputs of Activity
Activity 1	Value of fish stocks, MSY, fish production potential and total catch on FMA number 438
Activity 2	Value of fish stocks, MSY, fish production potential and total catch on FMA number 432
Activity 3	Value of fish stocks, MSY, fish production potential and total catch on FMA number 412
Activity 4	Value of fish stocks, MSY, fish production potential and total catch on FMA number 422
Activity 5	Value of fish stocks, MSY, fish production potential and total catch on FMA number 413
Activity 6	Value of fish stocks, MSY, fish production potential and total catch on FMA number 421