



IIFGIS

Integrated Inland Fisheries Geographic Information System

IIFGIS is an inland fisheries information system based on Indonesia's WPP-PD. The system integrates Geospatial Information Systems and statistical data to support monitoring system and assessment for inland fisheries.

IIFGIS Main Functions

Fish Species Profile

Pangasianodon hypophthalmus

Nama Spesies
Paku
Nama Sinonim
Ikan botum (Bluronjok)
Nama Lokal
Pangasius pangasius

Morfologi
Secara umum, ikan ini memiliki tubuh lonjong, tidak bersisik, warna memiliki bintak-bintak gelap di bagian atas tubuh. Di bagian bawah, pangasius memiliki garis-garis gelap di bagian bawah. Ikan ini memiliki sirip lebar dan bertekstur seperti kapas.

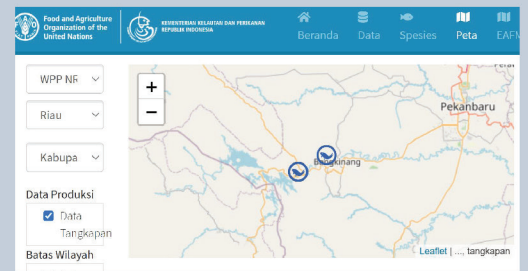


Pemenuhan
Pangasius merupakan ikan air tawar yang banyak dikonsumsi di Indonesia. Ikan ini banyak ditemukan di perairan tawar di Indonesia, terutama di daerah-daerah yang memiliki perairan tawar yang luas.

IIFGIS is equipped with the ability to manage fish species databases by displaying identification keys and some general information.

Spatial Data Visualization

IIFGIS is able to process and display fishery location points, administrative boundaries, distribution of cages, distribution of water quality, and various other spatial data.



Species

Map

Data

EAFM

Inland Fisheries Statistic

IIFGIS is able to input, store, and visualize various types of inland fisheries statistical data quickly and easily

WPP NISPD 03	Jumlah Alat Tangkap Kabupaten Kampar
Riau	
Kabupaten Kampar	
Data Perikanan	
Industri Perikanan	
CPUE	
Status Stock (ZPR)	
Jumlah ikan tangkap	
Populasi Perikanan	
Rumput Tenggali Perikanan	

#	Alat tangkap	Tanggal
1	Jaring Sling	01 Jan 2022
2	Jaring Sling	01 Jan 2023
3	Jaring Sling	01 Jan 2024
4	Jaring Sling	01 Jan 2025
5	Jaring Sling	01 Jan 2026
6	Jaring Sling	01 Jan 2027
7	Jaring Sling	01 Jan 2028
8	Jaring Sling	01 Jan 2029
9	Jaring Sling	01 Jan 2030

EAFM Status Assessment

Laporan EAFM Kabupaten Kampar

Year: 2020		Published Date: 29 Jan 2021	
BAIK		Aggregate: 845	
Domain	Composite Score	Flag Modeling	Description
Pemangku Kepentingan	633	BAIK	
Lingkungan Sumber Daya	1175	BAIK	

IIFGIS is developed to support assessors in assessing EAFM status in an area efficiently with a semi-automated system

Inland Aquatic Biodiversity Monitoring and Assessment

Challenges

Production data requirements at the species level

The lack of formal studies on the value of inland fisheries and ecosystem services provided by inland aquatic ecosystems

The lack of comprehensive mapping of inland aquatic ecosystem

Strengthening monitoring and assessment to monitor the dynamics of inland fishery resources

Preparation of Species Identification Guidelines for community and stakeholders

Calculation of inland aquatic conservation indicators in accordance with National Guidelines

Regular data collection and participatory mapping

Strategy

Development of *Integrated Inland Fisheries Geographic Information System (IIFGIS)* to manage inland fisheries data

Capacity Building

In order for the strategy to work well, a series of capacity building activities for stakeholders are planned

1

Training on the use of the Species Identification Guidelines at five demonstration site locations

2

Biodiversity assessment training and inland fisheries data collection at five demonstration site locations

3

Training on spatial data processing, remote sensing, and visualization on thematic maps at the national levels

4

IIFGIS trainings for user and admin in local and national level

5

Inland aquatic EAFM assessment in five IFish project's district locations