

IDENTIFICATION AND ANALYSIS OF MARINE FISHERIES RESEARCH

Case studies from selected countries in the CECAF area of competence

Overview

The Aquatic Sciences and Fisheries Abstracts (ASFA) Secretariat collaborated with the Fishery Committee for the Eastern Central Atlantic (CECAF) to produce a regional inventory of marine fisheries research across selected CECAF and ASFA member countries from 2010 to 2020. With a team of international and national consultants, numerous research items ranging from journals, fisheries reports and other publication types have been recorded in the ASFA inventory. Further, ASFA performed bibliometric analysis to provide detailed insights of the fisheries research landscape across the CECAF region. This infographic presents a snapshot of the regional investigation and its results.

SENEGAL Results Summary

ASFA Partner **Direction des Pêches Maritimes (DPM) Senegal**, participated in the CECAF-PESCAO project to identify and record national marine fisheries research output published between 2010-2020.

A combination of online sources (ASFA, Google Scholar, Scopus, Web of Science) and nationally held collections (libraries, institutional repositories or websites) were searched to identify research conducted by authors affiliated to institutions in Senegal.

Overall, Senegal's national marine fisheries research items constitute of:



500
documents identified

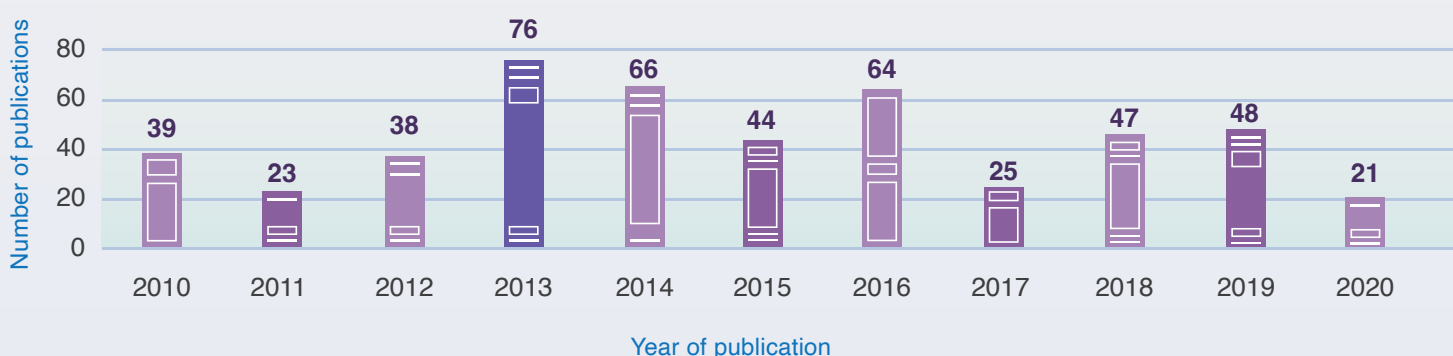


729
authors identified
87 percent male
13 percent female



79 percent
of publications involved collaboration with authors outside of Senegal

Number of publications over time

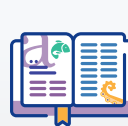


Document types

Journal articles constitute **52 percent** of the all documents identified. A total of **260** journal articles, **76** reports and **69** dissertations and thesis have been identified and are included in the inventory.



Book
12



Chapter
13



Dissertation/
Thesis
69



Journal Article
260



Poster
2



Conference proceedings
63



Report
76



Working paper
5

Keywords

All publications were assigned one of **8 keywords**. "Fishery biology" recorded the highest number of publications and "Ecosystem modelling" the lowest.



Climate change
22



Ecosystem modelling
19



Fishery biology
159



Fishery management
96



Gender and socioeconomic aspects
25



Marine and Fishery policy
20



Marine fisheries
97



Marine Protected Areas (MPAs)
62

Top journals authors published in

Many of these journals are considered high-impact journals in the fisheries field, while others are of national importance. Having such a wide spectrum of publishing sources in the region increases the visibility and impact of the research at both global and national levels.

| | |
|---|----|
| African Journal of Marine Science | 10 |
| Marine Policy | 8 |
| Estuarine, Coastal and Shelf Science | 6 |
| Ocean & Coastal Management | 6 |
| Aquatic Living Resources | 5 |
| Fisheries Oceanography | 5 |
| Fisheries Research | 5 |
| Journal des Sciences Halieutique et Aquatique | 5 |
| Journal of Fish Biology | 5 |

Number of Grey literature* items found in the research inventory:



* Grey literature is defined as research produced outside the control of commercial publishers and typically includes: Dissertations, Pamphlets, Posters, Preprints, Proceedings, Reports and Working Papers.

“ This was a very important effort to support marine fisheries development in the CECAF region, Africa and Worldwide ”



Arame Gaye Ndiaye KEITA

Ministère de la Pêche et de l'Économie Maritime (MPEM),
Direction des Pêches Maritimes (DPM)

More information:



CECAF Website
<https://www.fao.org/cecaf/en/>

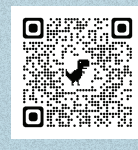
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