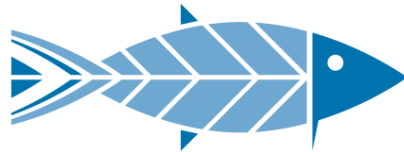


SFP and FisheriesWiki

FIRMS Steering Committee Meeting
5 February 2013

Jack Whalen

Science, Research and Data Division



Sustainable Fisheries

PARTNERSHIP

Outline

- SFP's mission, the role of information in support of this mission, and the distinct position of FisheriesWiki
- How we collaborate with other online sources/databases
- Why we are interested in FIRMS, FisheriesWiki as an information client, opportunities for collaboration



- SFP is a Non-Governmental Organisation (NGO)
- Founded 2006
- Annual budget \$5M, foundation and corporate support
- 60+ people in 16 countries
- Created to **educate and assist seafood supply chain to improve fisheries and aquaculture grow-out regions**





SFP works with companies across seafood supply chains to establish scientifically rigorous sustainable seafood procurement policies and improve fishing practices and governance to meet these policies

- Advise major retailers and restaurant chains on seafood procurement policies
- Form coalitions in Fishery and Aquaculture Improvement Projects (FIPs and AIPs)
- Assist suppliers and producers to improve fishing industry practice and governance to meet buyer requirements
- Develop information systems so retailers, buyers and suppliers can measure and manage their commitments, including tracking progress of fisheries in meeting retailer targets

www.sustainablefish.org

FISHERIES INFORMATION

FishSource and FisheriesWiki provide information on fish stocks and fisheries

About SFP

Fisheries Improvement

Aquaculture Improvement

Fisheries Information

Global Programs

RECENT NEWS

SFP WELCOMES MSC CERTIFICATION RECOMMENDATION FOR RUSSIAN POLLOCK FISHERY

SFP today welcomed the news that certifiers assessing the Russian Sea of Okhotsk pollock fishery ...

[READ MORE](#)

PUBLICATIONS

GLOBAL SUSTAINABILITY OVERVIEW OF FISHERIES USED FOR FISHMEAL AND FISH OIL

This briefing represents the third edition of the SFP global sustainability overview of fisheries...

[READ MORE](#)

ABOUT SFP

Our vision is one of healthy marine and aquatic ecosystems; secure seafood supplies; and a thriving, responsible seafood economy.

[READ MORE](#)

PARTNERS



FISHSOURCE

FishSource.com provides major seafood buyers with up-to-date, impartial, actionable information on the sustainability of fisheries and the improvements they need to make to become sustainable.

[GO TO WEBSITE](#)

FISHERIESWIKI

FisheriesWiki.org is a global commons encyclopedia of fisheries, providing current and accurate information on global aquaculture and marine capture fisheries, created through the contributions of experts around the world.

[GO TO WEBSITE](#)

PARTNERS

SFP partners with forward-thinking companies, nonprofit organizations, universities, and local communities on projects around the world. Our partners are committed to developing relationships and dialogues on improving fisheries with fisheries management organizations, fishing cooperatives, governments, and associations. SFP's role is to convene these players and provide education and access to information on fisheries as well as systems for helping retailers track their progress towards sustainability.

We thank all our partners for their commitment to fisheries and aquaculture improvement, as well as for their dedication to improving our oceans and freshwater systems.

Visit this page again soon for updates on our work with each of these companies.

Aldi US
Aldi UK
Aldi N Ireland
ASDA UK
Aqua Star
BJ's Wholesale Club
BioMar
Compass Group US
Compass Group Global
Delhaize Romania
Delmar
Disney US Operations/Aluanl Resort
Disney Cruise Lines
Disneyland Hong Kong
Espersen
EWOS
Fortune Fish Company
Giant Eagle, Inc.
High Liner Foods
McDonald's
Meijer, Inc.
Morrisons
Multiexport Foods
Phillips Foods
Publix Supermarkets, Inc.
Raley's Supermarkets
Sainsbury's
Sam's Club
Skretting
Slade Gorton
Sobey's Inc.
Tesco UK
Walmart US
Walmart Canada
Walmart Central America
Wegmans Food Markets, Inc.
Woolworths
Young's Seafood

SFP Partners

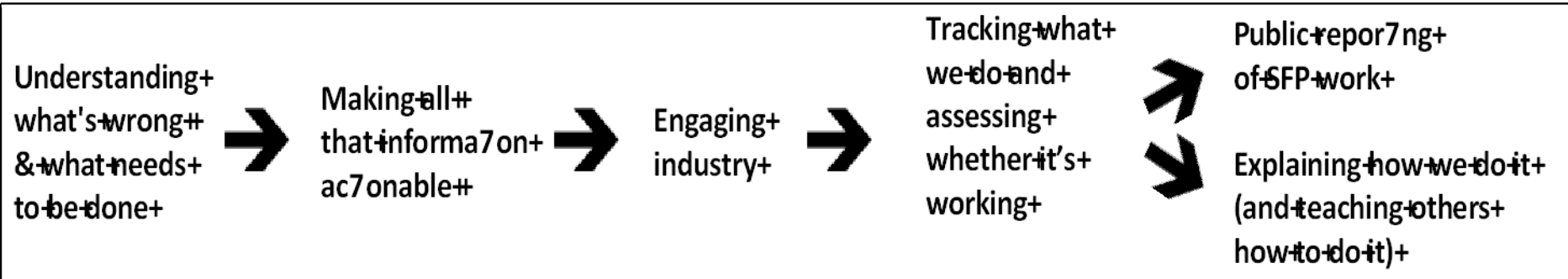
Aldi, ASDA, Aqua Star, BJ's Wholesale, Biomar, Delmar, Espersen, Ewos, Fortune Fish Co., Giant Eagle, High Liner Foods, Ipswich Shellfish Group, McDonald's, Meijer, Multiexport, Phillips Foods, Publix, Raley's, Sainsbury's, Skretting, Slade Gorton, Sobey's, Tesco, Walmart, Wegman's, Woolworths, Young's Seafood, ZF America



SFP works with companies across seafood supply chains to

SFP is an *information organisation* at heart

- Advise major retailers and restaurant chains on seafood



practice and governance to meet buyer requirements

- *Develop information systems so retailers, buyers and suppliers can measure and manage their commitments, including tracking progress of fisheries in meeting retailer targets*



SFP's Science, Research and Data Division – Actionable information

- *SFP strategic objective #1: Centralize and manage global data on fisheries and aquaculture, create and maintain actionable information.*

Meeting this objective is the goal of the Science, Research and Data (SRD) division

- Lead the expansion of scientific coverage of fisheries globally:
FisheriesWiki.org
- All SRD / SFP technical systems and platforms
 - Summarize the information from FisheriesWiki.org and other sources and apply internal standards: FishSource.com
 - Seafood Metrics System implementation
 - Monitoring and Evaluation, Quality Control



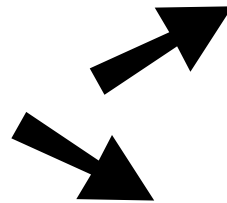
Creating FisheriesWiki.org

2007

2011

FishSource.org

FishSource.com



FisheriesWiki.org

Two main goals for FishSource.org: provide actionable information for seafood buyers & develop an effective global network of information contributors

With two distinct audiences for FishSource.org (industry and researchers) we knew that if we were to build this contribution/feedback network, we needed to underscore the science at the heart of it all – thus **FisheriesWiki** ('just the facts ma'am')

Landing/home page for fishery profiles

Search fisheries

Enter your search terms and hit 'go'. Your results will be shown below.

[Want to know more about how to search?](#)

These name filters autocomplete, so type a few letters or use your cursor keys to select an option

Common Name	Latin Name	<input type="button" value="Go"/> More search tools...
<input type="text"/>	<input type="text"/>	



Contributing to fishery assessment profiles

Sustainable Fisheries Partnership (SFP) staff provide quality control for the publication of new and updated fishery profiles.

1. If you have not registered yet, please do so [here](#).
2. Review the current [guidelines for profile authors](#).
3. For brief instructions on how to contribute to a new profile or edit an existing one, and to download a profile template and data form, click [here](#).
4. Login and submit your completed form [here](#).
5. SFP staff will then review and either approve and publish the new profile or revised sections of an existing profile, or otherwise will contact you to address any questions.

» Latest FAQs

Can I receive notifications of updates?

Why does FisheriesWiki.org look so similar to FishSource.com?

How can I contribute?

How are FisheriesWiki profiles named?

How are the categories in the Group Type filter of the fishery search defined?

» Recently Updated

norway lobster - icelandic (country: is; gear: otm, ott;)

norway lobster - icelandic

ocean quahog - gulf of maine (country: us; gear: drb;)

sand gaper - stock units undefined

opalescent inshore squid - stock units undefined (country: us; gear: ps;)

» [News / Events](#)

Example of wild fishery profile

Atlantic cod – Baltic sea eastern

permalink: http://staging2.fisherieswiki.org/site/goto_profile_by_uuid/642fde06-2687-11dd-a4e9-daf105bfb8c2

This profile is part of the Atlantic cod – Baltic Sea eastern group

This profile last updated on 29th August 2012 ([History](#)) | [Download PDF](#)

Highlight Acronyms

contribute to this profile

Do you see anything on this page with which you disagree? Want to comment on this sustainability information? Rate this profile? Have a question about something? [Let us know!](#)

You need to be a registered user before you can contribute. Please [login](#) or [Register](#) to continue. [Why?](#)

Identification Data Improvements Sustainability Info Basics Sources Feedback

This section last updated on 30th June 2008

Common name of fishery
Eastern Baltic cod

Other common names

Jurisdiction
Russia, European Union

Fisheries Management areas
ICES Subdivision 25–32, Baltic seas, FAO 27

Gear types
Midwater trawls – midwater trawls (not specified), Norwegian two-chamber trap, Seine nets (not specified), Bottom trawls – bottom trawls (not specified), Gillnets (not specified), Longlines (not specified)



Species
Gadus morhua

Common species names
Atlantic cod

[Go to FishBase for more information on Gadus morhua / Atlantic cod](#)

Recently viewed profiles: [Atlantic cod - Baltic sea eastern](#)



Recent comments on this profile

30 June 2010 / Pedro Sousa (SFP)

There are no references to how often the stock assessment is performed. It is not thoroughly expl... [more...](#)

[See all feedback on this profile](#)

Like to add your own feedback on this profile?
Share your feedback [here](#)

» Latest FAQs

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norway lobster - icelandic (country: is; gear: otm, ott;)

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ocean quahog - gulf of maine (country: us; gear: drb;)

sand gaper - stock units undefined

opalescent inshore squid - stock units undefined (country: us; gear: ps;)

» News / Events

Example of wild fishery profile: *Data* page

Atlantic cod – Baltic sea eastern

permalink: http://staging2.fisherieswiki.org/site/goto_profile_by_uid/642fde06-2687-11dd-a4e9-daf105bfb8c2

This profile is part of the [Atlantic cod – Baltic Sea eastern group](#)

This profile last updated on 29th August 2012 [History](#) | [Download PDF](#)

Highlight Acronyms

contribute to this profile

Do you see anything on this page with which you disagree? Want to comment on this sustainability information? Rate this profile? Have a question about something? [Let us know!](#)

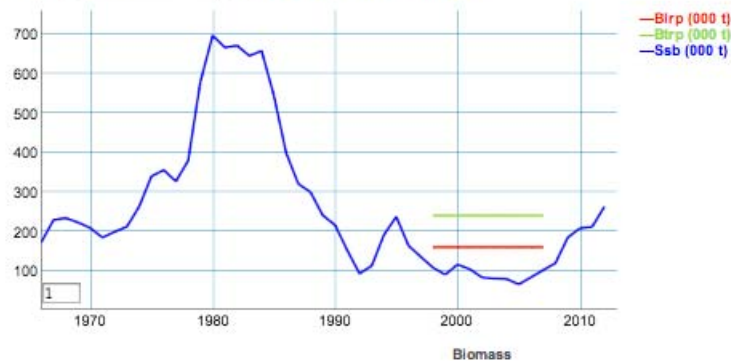
You need to be a registered user before you can contribute. Please [login](#) or [Register](#) to continue. [Why?](#)

[Identification](#) [Data](#) [Improvements](#) [Sustainability Info](#) [Basics](#) [Sources](#) [Feedback](#)

Data

This section last updated on 29th August 2012

Select graph [Biomass](#) [\(learn more about the graph feature\)](#)



Show series:

[Blrp \(000 t\)](#) [Btrp \(000 t\)](#) [SSB \(000 t\)](#)

source data

You can download the original data file used for calculating the indices after logging in if you're registered. If you wish you can [Register](#) now.

Recent comments on this profile

30 June 2010 / [Pedro Sousa \(SFP\)](#)

There are no references to how often the stock assessment is performed. It is not thoroughly expl... [more..](#)

[See all feedback on this profile](#)

Like to add your own feedback on this profile?
Share your feedback [here](#)

» Latest FAQs

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» Recently Updated

[norway lobster - icelandic \(country: is; gear: otm, ott;\)](#)

[norway lobster - icelandic](#)

[ocean quahog - gulf of maine \(country: us; gear: drb;\)](#)

[sand gaper - stock units undefined](#)

[opalescent inshore squid - stock units undefined \(country: us; gear: ps;\)](#)

» [News / Events](#)

The Metadata Catalogue

Fishsource » Fisheries Metada: x

staging2.fisherieswiki.org/metadata_catalogues

Contribute to FisheriesWiki Register Login

HOME ABOUT US FAQ'S CONTACT US

SEARCH FISHERIES FISHERIES METADATA CATALOGUE GOVERNANCE

Fisheries Metadata Catalogue

Due to the ocean basin-scale distributions of marine megafauna, and because multi-national fishing fleets operate over broad spatial areas, there is a need to access and pool fishery-dependent datasets of primary, research grade data to support large temporal and spatial scale analyses. For example, pooling datasets provides larger sample sizes, which can achieve sufficiently long time series needed to determine if observed patterns are long-term trends or cyclical, short-term, serially correlated patterns, and provide broader spatial coverage across fishing grounds. Providing access to relevant research-grade datasets is critical for many fundamental fisheries research applications, such as trends in absolute abundance of stocks of principal market species, levels of bycatch of species vulnerable to overexploitation in marine capture fisheries, stock-wide trends in length frequency distributions of species subject to fishery removals, and ecosystem-wide trophic cascades from selective fishery removals between trophic levels and within (selective removals by species, size, sex) trophic levels. A precursor to accessing these datasets, cataloguing of rich metadata of fishery-dependent datasets is needed to: (i) enable discovery of relevant datasets; (ii) determine whether pooling individual datasets is merited, and (iii) determine how individual datasets can best be integrated.

The FisheriesWiki.org Scientific Advisory Group is exploring opportunities to collaborate with FAO FIRMS to catalogue relevant fisheries datasets owned or held in custodianship by Regional Fishery Bodies, including Regional Fisheries Management Organizations, and, to validate the fisheries metadata catalogue, publishing metadata of datasets, for example, published to the OBIS portal (the OBIS portal provides access to published datasets containing primary species-level occurrence records from marine fisheries).

Metadata catalogue entries are integrated within fishery profiles, where under the "Metadata" tab of each profile, you will find a filtered list of metadata records of relevance to the stock covered by that profile.

TO CONTRIBUTE TO THE METADATA CATALOGUE

Sustainable Fisheries Partnership (SFP) staff provide quality control for the publication of new and revised metadata records, to ensure that minimum fields are included and that entries meet standards. You must be registered and logged in in order to contribute.

STEP 1: If you have not yet done so, click [here](#) to REGISTER. If you have already registered but are not logged in, please login [here](#). Please follow the link above to register, and you will then receive a password that enables you to log in to FisheriesWiki.

STEP 2: After logging in, navigate to the [Fisheries Metadata Publication](#) page to enter your new metadata record or edit one of your existing records, and then submit.

STEP 3: SFP staff will review and either approve and publish the new or revised record or contact you to address any problems.

Click [here](#) to SEARCH and DOWNLOAD from the Fisheries Metadata Catalogue.

Suggested reference for the Fisheries Metadata Catalogue:
Sustainable Fisheries Partnership, FisheriesWiki.org Fisheries Metadata Catalogue, http://www.fisherieswiki.org/metadata_catalogues.
Sustainable Fisheries Partnership, Honolulu.

FisheriesWiki collaborations


Mutual linking (FishBase, SeaLifeBase)

pelagic (Ref. 9789). Encircling nets are employed to catch schools near the surface (Ref. 9270). Marketed mainly frozen and canned (Ref. 9684), but also fresh (Ref. 9340) and smoked (Ref. 9987). Highly valued for sashimi (Ref. 26938).

IUCN Red List Status (Ref. 90363)

 Near Threatened (NT)

Threat to humans

 Harmless

Human uses

Fisheries: highly commercial; gamefish: yes

FAO(Aquaculture: production; fisheries: production) | FIRMS (Stock assessments) | FisheriesWiki | Sea Around Us |

More information

Countries	Common names	Age/Size	References	Collaborators		
FAO areas	Synonyms	Growth	Aquaculture	Pictures		
Eco systems	Metabolism	Length-weight	Aquaculture profile	Stamps and coins		
Species	Predators	Length-length	Strains	Sounds		
				Climate		
Identification	Data	Improvements	Sustainability Info	Basics	Sources	Features

Common name of fishery
Indonesian yellowfin tuna Indian Ocean longline fishery

Other common names

Jurisdiction
Indonesia, IOTC

Fisheries Management areas
Indian Ocean, Indonesia EEZ, FAO 71, FAO 51, FAO 57

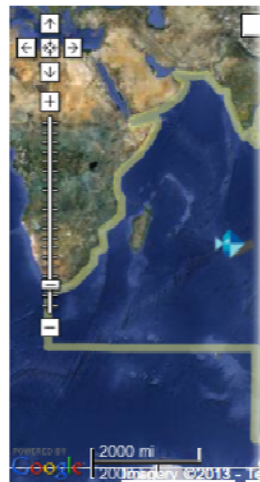
Gear types
Drifting longlines



Species
Thunnus albacares

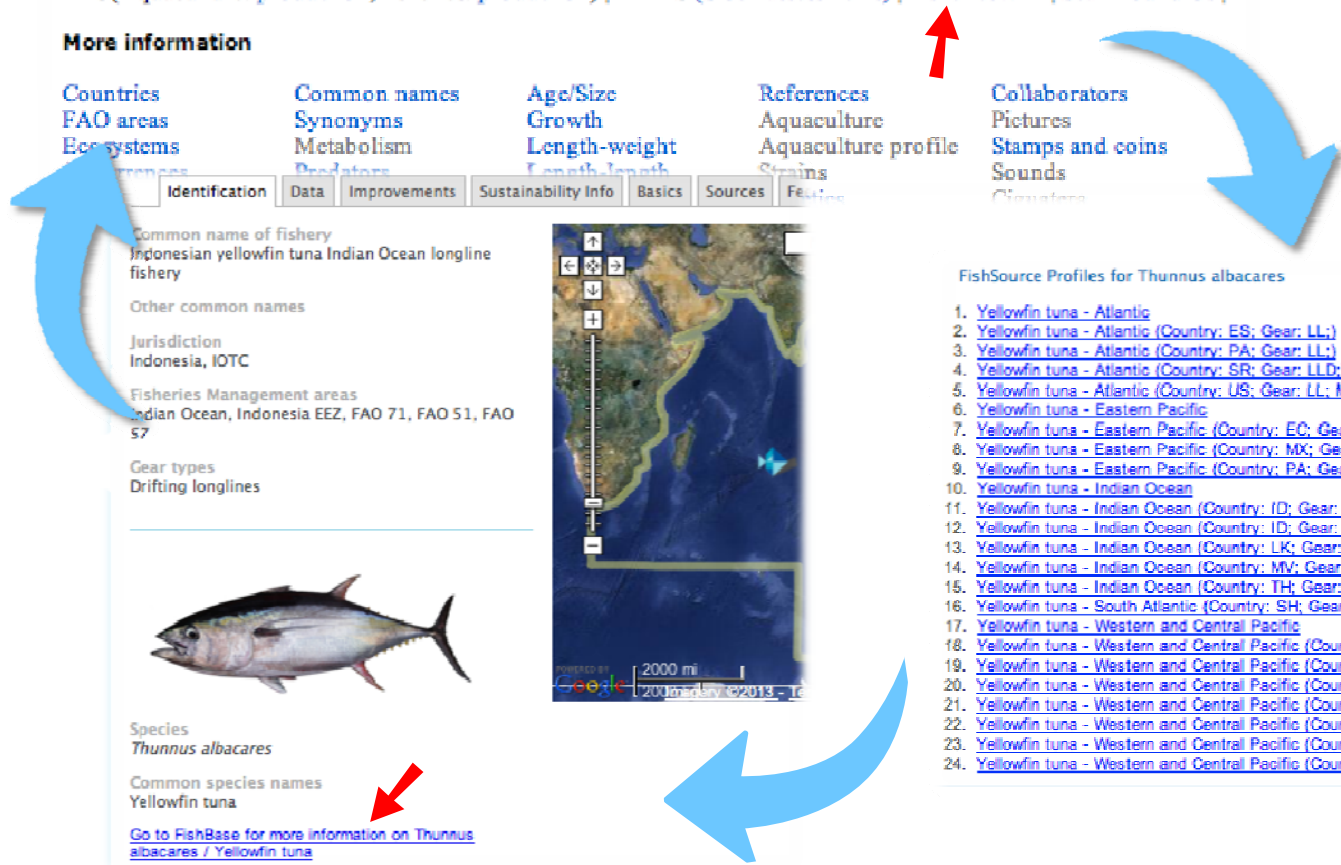
Common species names
Yellowfin tuna

[Go to FishBase for more information on Thunnus albacares / Yellowfin tuna](#)



FishSource Profiles for Thunnus albacares

- [Yellowfin tuna - Atlantic](#)
- [Yellowfin tuna - Atlantic \(Country: ES; Gear: LL;\)](#)
- [Yellowfin tuna - Atlantic \(Country: PA; Gear: LL;\)](#)
- [Yellowfin tuna - Atlantic \(Country: SR; Gear: LLD;\)](#)
- [Yellowfin tuna - Atlantic \(Country: US; Gear: LL; MSC-Client: DBS; MSC-Status: MSC Full Assessment;\)](#)
- [Yellowfin tuna - Eastern Pacific](#)
- [Yellowfin tuna - Eastern Pacific \(Country: EC; Gear: LLD;\)](#)
- [Yellowfin tuna - Eastern Pacific \(Country: MX; Gear: LHM; MSC-Client: PPH; MSC-Status: MSC Certified;\)](#)
- [Yellowfin tuna - Eastern Pacific \(Country: PA; Gear: LLD;\)](#)
- [Yellowfin tuna - Indian Ocean](#)
- [Yellowfin tuna - Indian Ocean \(Country: ID; Gear: LHM, LL, SX;\)](#)
- [Yellowfin tuna - Indian Ocean \(Country: ID; Gear: LLD; FIP: Indonesian Tuna, SFP\)](#)
- [Yellowfin tuna - Indian Ocean \(Country: LK; Gear: LLD; FIP: Sri Lanka tuna, SFP\)](#)
- [Yellowfin tuna - Indian Ocean \(Country: MY; Gear: LHM, LHP; MSC-Client: MSPA; MSC-Status: MSC Full Assessment;\)](#)
- [Yellowfin tuna - Indian Ocean \(Country: TH; Gear: LL;\)](#)
- [Yellowfin tuna - South Atlantic \(Country: SH; Gear: LHP, LHM; MSC-Client: SHDA; MSC-Status: Not certified;\)](#)
- [Yellowfin tuna - Western and Central Pacific](#)
- [Yellowfin tuna - Western and Central Pacific \(Country: AU; Mgmt Area: ETBF; Gear: LL;\)](#)
- [Yellowfin tuna - Western and Central Pacific \(Country: ID; Gear: LHP;\)](#)
- [Yellowfin tuna - Western and Central Pacific \(Country: ID; Gear: LX, LL, PS;\)](#)
- [Yellowfin tuna - Western and Central Pacific \(Country: KR; Gear: LL;\)](#)
- [Yellowfin tuna - Western and Central Pacific \(Country: MY; Gear: LX;\)](#)
- [Yellowfin tuna - Western and Central Pacific \(Country: PH; Gear: LHP, LHM;\)](#)
- [Yellowfin tuna - Western and Central Pacific \(Country: PH; Gear: LX;\)](#)



FisheriesWiki collaborations

Mutual linking (FishBase, SeaLifeBase)

prawns (var. 0700). Larvating nets are employed to catch schools near the surface (var. 2470). Marketed mainly frozen and canned (Ref. 9684), but also fresh (Ref. 9340) and smoked (Ref. 9987). Highly valued for sashimi (Ref. 26938).

IUCN Red List

Near Threatened

Human uses

Fisheries: highly valued
FAO(Aquaculture)

More information

Countries
FAO areas
Ecosystems

Identifiers

Common name
Indonesian
fishery

Other common names

Jurisdiction

Indonesia, IOTC

Fisheries Management areas

Indian Ocean, Indonesia EEZ, FAO 71, FAO 51, FAO 57

Gear types

Drifting longlines



Species

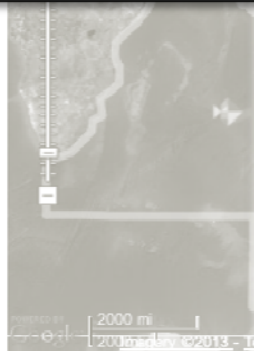
Thunnus albacares

Common species names

Yellowfin tuna

Go to FishBase for more information on *Thunnus albacares* / Yellowfin tuna

- **Creating a 'network' of authoritative scientific information on fisheries (and aquaculture)**
- **Building recognition of the distinct contribution of FisheriesWiki**



4. [Yellowfin tuna - Atlantic \(Country: SR; Gear: LLD;\)](#)
5. [Yellowfin tuna - Atlantic \(Country: US; Gear: LL; MSC-Client: DBS; MSC-Status: MSC Full Assessment;\)](#)
6. [Yellowfin tuna - Eastern Pacific](#)
7. [Yellowfin tuna - Eastern Pacific \(Country: EC; Gear: LLD;\)](#)
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9. [Yellowfin tuna - Eastern Pacific \(Country: PA; Gear: LLD;\)](#)
10. [Yellowfin tuna - Indian Ocean](#)
11. [Yellowfin tuna - Indian Ocean \(Country: ID; Gear: LHM, LL, SX;\)](#)
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14. [Yellowfin tuna - Indian Ocean \(Country: MV; Gear: LHM, LHP; MSC-Client: MSPA; MSC-Status: MSC Full Assessment;\)](#)
15. [Yellowfin tuna - Indian Ocean \(Country: TH; Gear: LL;\)](#)
16. [Yellowfin tuna - South Atlantic \(Country: SH; Gear: LHP, LHM; MSC-Client: SHDA; MSC-Status: Not certified;\)](#)
17. [Yellowfin tuna - Western and Central Pacific](#)
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20. [Yellowfin tuna - Western and Central Pacific \(Country: ID; Gear: LX, LL, PS;\)](#)
21. [Yellowfin tuna - Western and Central Pacific \(Country: KR; Gear: LL;\)](#)
22. [Yellowfin tuna - Western and Central Pacific \(Country: MY; Gear: LX;\)](#)
23. [Yellowfin tuna - Western and Central Pacific \(Country: PH; Gear: LHP, LHM;\)](#)
24. [Yellowfin tuna - Western and Central Pacific \(Country: PH; Gear: LX;\)](#)

FisheriesWiki collaborations

Linking + data sharing?

RAM Legacy Stock Recruitment Database

Can the sharing be automated?

progeny of
frozen an
(Ref. 269

IUCN Re
Ne

Human u
Fisheries:

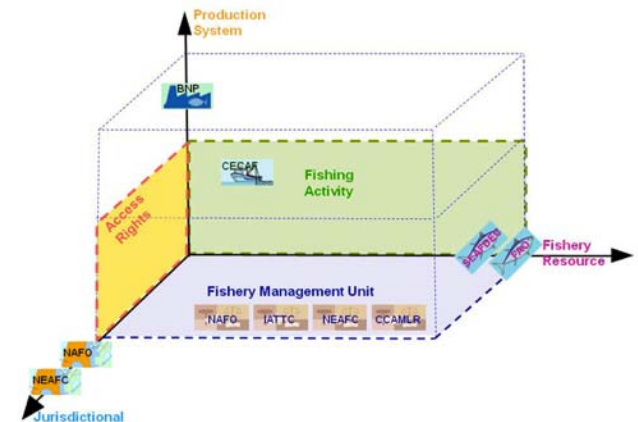
FAO(Aquaculture: production; fisheries: production) | FIRMS (Stock assessments) | FisheriesWiki | Sea Around Us)

The screenshot shows the website interface for the RAM Legacy Stock Assessment Database. At the top, there is a logo with the text "RAM legacy" and several fish icons. Below the logo is a navigation menu with tabs for Home, Publications, In memoriam, Lecture series, RAM Legacy Stock Assessment Database, fish.dal.ca archive, and srDB. A search bar is located in the top right corner. The main content area displays the title "RAM Legacy Stock Assessment Database" and a brief description: "The RAM Legacy Stock Assessment Database is a compilation of stock assessment results for commercially exploited marine populations from around the world. It is inspired by Dr. [Name].". Below this is a table with columns labeled ASSESSID, TSYEAR, PT_AVAIL, SSB, R, TOTAL, F, CPUE, and CATCH_LANDINGS. The table contains data for the species Thunnus albacares from 1980 to 1999. On the left side of the page, there are sections for "Gear types" (listing Drifting longlines) and "Species" (listing Thunnus albacares, also known as Yellowfin tuna). A small image of a yellowfin tuna is also visible.

ASSESSID	TSYEAR	PT_AVAIL	SSB	R	TOTAL	F	CPUE	CATCH_LANDINGS
ADFG-HERRPWS-1980-2006-COLLIE	1980	5	48270.35	414070	52824.36	0.181		71940
ADFG-HERRPWS-1980-2006-COLLIE	1981	5	51090.88	335200	63262.2	0.254		127730
ADFG-HERRPWS-1980-2006-COLLIE	1982	5	47402.54	112300	54244.23	0.159		66270
ADFG-HERRPWS-1980-2006-COLLIE	1983	5	56449.01	103740	58999.78	0.06		23820
ADFG-HERRPWS-1980-2006-COLLIE	1984	5	64461.28	1062360	69818.6	0.118		59420
ADFG-HERRPWS-1980-2006-COLLIE	1985	5	79124.61	99630	85627	0.11		62410
ADFG-HERRPWS-1980-2006-COLLIE	1986	5	65601.06	74880	75240.88	0.165		84140
ADFG-HERRPWS-1980-2006-COLLIE	1987	5	70646.42	84820	75470.75	0.114		57610
ADFG-HERRPWS-1980-2006-COLLIE	1988	5	93508.2	1006440	101382.44	0.123		92680
ADFG-HERRPWS-1980-2006-COLLIE	1989	5	105135.41	119970	105135.41	0.006		4900
ADFG-HERRPWS-1980-2006-COLLIE	1990	5	84252.14	158830	93423.68	0.117		79400
ADFG-HERRPWS-1980-2006-COLLIE	1991	5	71852.32	79530	84716.2	0.237		143910
ADFG-HERRPWS-1980-2006-COLLIE	1992	5	80238.46	163880	96611.72	0.256		192220
ADFG-HERRPWS-1980-2006-COLLIE	1993	5	31921.39	158360	33859.58	0.08		22970
ADFG-HERRPWS-1980-2006-COLLIE	1994	5	16738.8	270270	16738.8	0		0
ADFG-HERRPWS-1980-2006-COLLIE	1995	5	15675.86	122710	15675.86	0		0
ADFG-HERRPWS-1980-2006-COLLIE	1996	5	19882.23	23910	19882.23	0.032		4220
ADFG-HERRPWS-1980-2006-COLLIE	1997	5	24354.8	27890	28122.21	0.225		39570
ADFG-HERRPWS-1980-2006-COLLIE	1998	5	20521.21	20310	23452.01	0.211		34270
ADFG-HERRPWS-1980-2006-COLLIE	1999	5	16291.61	295420	16335.04	0.004		420

FisheriesWiki as a FIRMS information client

- FisheriesWiki Metadata Catalogue
 - Currently includes only fishery-dependent, research-grade data (such as that collected by an onboard observer or through a survey or experiment)
 - Focus is on long time series data (e.g., determine if observed patterns are long-term trends or cyclical, short-term, serially correlated patterns, by providing broader spatial coverage across fishing grounds)
 - **But:** Could be expanded to index ‘summary data’ like that provided in FIRMS *Fishery Fact Sheets*
 - These concise summaries of fishery information are similar to FisheriesWiki profiles in their **commitment to authoritativeness** and content...
 - but have a higher (regional) level of granularity
- Standardising granularity?
 - Definition for fisheries (Multi-faceted)
 - Definition for versions
 - Fishery naming conventions
 - ...




FIRMS as a source of information for FisheriesWiki profiles

- Profile authors can of course use FIRMS as an authoritative source...
and in this regard we could consider adding or enhancing certain information categories from FIRMS (eg, fleet segments, regional management information, seasonality)
- NatFIRMS opportunity?
FIRMS implemented at domestic level, by FAO parties (not implemented by FAO)...
and possibly FisheriesWiki could provide a mechanism for maintaining information from inventories of domestic-level and sublevel fisheries

FisheriesWiki as a FIRMS information client

Other opportunities for collaboration?

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FAO FishFinder Related Links

- [Census of Marine Life \(CoML\)](#)
- [Conservation International \(CI\)](#)
- [Convention on International Trade in Endangered Species of Wild Fauna and Flora \(CITES\)](#)
- [FishBase](#)
- [Integrated Taxonomic Information System \(ITIS\)](#)
- [World Conservation Union \(IUCN\)](#)
- [Ocean Biogeographic Information System \(OBIS\)](#)
- [Species 2000 & ITIS Catalogue of Life](#)
- [AlgaeBase](#)



[fishery resource](#)

Link to FisheriesWiki on FAO sites?

Thank you

