DOCKSIDE

Data and Software Collection

Aquaculture

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DOCKSIDE – DATA AND SOFTWARE COLLECTION – Aquaculture

DATA NAME	Description	Source	Link	Years	Type	Information
Aquaculture Production	Aquaculture Production	FAO	http://www.fao.org/fishery/statistics/software/fishstatj/en	1950-2016	Quantities and Values	data included in FISHSTATJ
Capture Production	Capture Production	FAO	http://www.fao.org/fishery/statistics/software/fishstatj/en	1950-2016	Quantities and Values	data included in FISHSTATJ
Global Production	This database contains the volume of aquatic species caught by country or area, by species items, by FAO major fishing areas, and year, for all commercial, industrial, recreational and subsistence purposes. The harvest from mariculture, aquaculture and other kinds of fish farming is also included	FAO	http://www.fao.org/fishery/statistics/global-production/en	1950-2016		(online query)
Global Aquaculture Production	This database contains statistics on production volume and value by species, country or area, fishing area and culture aquatic environment	FAO	http://www.fao.org/fishery/statistics/global-aquaculture-production/en	1950-2016		(online query)
Global Tuna Catches by Stock	This database contains, for the principal market tuna species, nominal catches by fishing gear, species, stock, fishing country and year from 1950 to 2010	FAO	http://www.fao.org/fishery/statistics/tuna-catches/en	1950-2010		(online query)
Atlas of Tuna and Billfish Catches	This interactive version of the Atlas presents the global distribution of catches by gear from 1950 to 2012, at 5° latitude by 5° longitude resolution, of those tuna and tuna-like species for which this distribution is generally well known on the global scale	FAO	http://www.fao.org/fishery/statistics/tuna-atlas/en	1950 - 2012		(online query)
Global Number of Fishers	This database contains statistics on the total number of people employed annually in commercial and subsistence fishing, by country, by occupational category, by gender and according to the time spent in fishing	FAO	http://www.fao.org/fishery/statistics/global-fishers/en	Since 1970		

Fishery Commodities and Trade	This database contains statistics on the annual production of fishery commodities and imports and exports (including re-exports) of fishery commodities by country and commodities in terms of volume and value from 1976	FAO	http://www.fao.org/fishery/statistics/global-commodities-production/en	1976-2015		(online query)
Consumption of Fish and Fishery Products	A food balance sheet for fish and fishery products presents a comprehensive picture of the pattern of a country's fish supply during a specified reference period (calendar year)	FAO	http://www.fao.org/fishery/statistics/global-consumption/en	1961 - 2013		data included in: FAOSTAT - Commodities balances FAOSTAT - Food Balance Sheets FAOSTAT - Consumption
CECAF (Eastern Central Atlantic) Capture Production	This database contains capture production statistics by country or areas, species item, and CECAF statistical division	FAO	http://www.fao.org/fishery/statistics/cecaf-capture-production/en	1970-2015		(online query)
GFCM (Mediterranean and Black Sea) Capture Production	This database contains capture production statistics by country or areas, species item, and GFCM statistical division	FAO	http://www.fao.org/fishery/statistics/gfcm-capture-production/en	1970-2015		(online query)
RECOFI Capture Production	This database contains capture production statistics by country or areas, species item, and RECOFI statistical division	FAO	http://www.fao.org/fishery/statistics/recofi-capture-production/en	1986-2015		(online query)
Southeast Atlantic Capture Production	This database contains capture production statistics by country or areas, species item, and statistical division of the Southeast Atlantic fishing area	FAO	http://www.fao.org/fishery/statistics/seatl-capture-production/en	1975-2015		(online query)
Aquaculture production (metric tons)	(metric tons)	World Bank (original : FAO)	https://data.worldbank.org/indicator/ER.FSH.AQUA.MT	1960 - 2015		
Aquaculture Production	Aquaculture Production	World Bank	https://data.worldbank.org/country/cambodia	1976 - 2015	Quantities and Values	Look for : ER.FSH.AQUA.MT

SOFTWARE NAME	Description	Source	Link	Years	Type	Information
FISHSTATJ	Java-based desktop application which provides users with access to a variety of fishery statistical datasets	FAO	http://www.fao.org/fishery/statistics/software/fishstatj/en	1950-2013 or 2016	JAVA	
OPEN ARTFISH	It consists of the OPEN ARTFISH software application and its backbone OPEN ARTFISH database	FAO	http://www.fao.org/fishery/statistics/software/open-artfish/en	2011		
BEAM1 and 2	Bioeconomic modeling of artisanal and industrial sequential shrimp fisheries	FAO	http://www.fao.org/fishery/topic/16067/en			Price $US 40
BEAM3	A Bioeconomic Simulation Model of Tropical Shrimp Fisheries Using Fixed or Random Recruitment	FAO	http://www.fao.org/fishery/topic/16068/en			Price $US 40
BEAM4	Analytical Bioeconomic Simulation of Space structured Multispecies and Multifleets Fisheries	FAO	http://www.fao.org/fishery/topic/16069/en			Price $US 30 +30
CLIMPROD	Experimental interactive software for choosing and fitting surplus production models including environmental variables	FAO	http://www.fao.org/fishery/topic/16070/en			Price $US 40.00
CLIMPROD-PLUS	Experimental interactive software for choosing and fitting surplus production models including environmental variables	FAO	http://www.fao.org/fishery/topic/16071/en			Price $US 40.00
ARTFISH	ARTFISH stands for Approaches, Rules and Techniques for Fisheries statistical monitoring. It has been developed as a standardized tool adaptable to most fisheries in the developing countries	FAO	http://www.fao.org/fishery/topic/16081/en	1993, 2000; 2007		
FAST	Fishing Activity Simulation Tool	FAO	http://www.fao.org/fishery/topic/16079/en	1998		
FISAT II	FAO-ICLARM Stock Assessment Tool The Windows version of FiSAT (FiSAT II) is a program package developed mainly for the analysis of length-frequency data, but also enables related analyses, of size-at-age, catch-at-age, selection and other analyses	FAO	http://www.fao.org/fishery/topic/16072/en	2001		

NANSIS -	NANSIS is a Survey Information System for logging, editing, analysis and retrieval of biological and environmental data from marine research surveys	FAO	http://www.fao.org/in-action/eaf-nansen/topic/16074/en	2006		
SPATIAL	SPATIAL is a simulation package developed to model the space-time distribution of fishing intensity using alternative approaches	FAO	http://www.fao.org/fishery/topic/16076/en			Price $US 40
Thompson and Bell Yield Analysis Using Excel Spreadsheets	The models are essentially mathematical depictions of fisheries, or parts of fisheries	FAO	http://www.fao.org/fishery/topic/16077/en		Microsoft Excel	
User-Friendly Tool For Investment Decision Making in Aquaculture (UTIDA)	The Tool is based on an interactive and user-friendly model designed within Microsoft Excel, which allows rapid data entry by the users	FAO	http://www.fao.org/fishery/statistics/software/utida/en		Microsoft Excel	
VONBIT 2005 - Von Bertalanffy Iterative Approach	The presented linear regression method for fitting the von Bertalanffy growth function to data on size at age is also directly applicable to tag and recapture data, thus offering a more integrated approach than other similar methods	FAO	http://www.fao.org/fishery/topic/16078/en			
World Aquaculture Performance Indicators (WAPI)	World Aquaculture Performance Indicators (WAPI) is an endeavour initiated by the FAO Fisheries and Aquaculture Department to develop user-friendly tools for compiling, generating and providing easy access to quantitative information on aquaculture sector performance at the national, regional and global levels	FAO	http://www.fao.org/fishery/statistics/software/wapi/en			