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DOCKSIDE

Data and Software Collection

Fishery

Thomas Vallée
University of Nantes

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DOCKSIDE – DATA AND SOFTWARE COLLECTION - Fishery

DATA NAME	Description	Source	Link	Years	Type	Information
Global Production by production		FAO	http://www.fao.org/fishery/statistics/software/fishstatj/en	1950-2016	Quantities	data included in FISHSTATJ
Capture Production		FAO	http://www.fao.org/fishery/statistics/software/fishstatj/en	1950-2016	Quantities (total and at regional level)	data included in FISHSTATJ
Fisheries Commodities Production and Trade 1		FAO	http://www.fao.org/fishery/statistics/software/fishstatj/en	1950-2016	Quantities and Values	data included in FISHSTATJ
Food balance sheets of fish and fishery products		FAO	http://www.fao.org/fishery/statistics/software/fishstatj/en	1961-2013		data included in FISHSTATJ
Fish species, threatened	Froese, R. and Pauly, D. (eds). 2008. FishBase database, fishbase.org.	WORLD BANK	https://data.worldbank.org/indicator/EN.FSH.THRD.NO	2017 - 2017	Environment	Don't have chart
Marine Protected areas (%)	MPA in % of territorial waters	WORLD BANK			Environment	
Total fisheries production (metric tons)	(metric tons)	Food and Agriculture Organization.	https://data.worldbank.org/indicator/ER.FSH.PROD.MT	1960 - 2015	Quantitative	
Capture fisheries production	(metric tons)	Food and Agriculture Organization.	https://data.worldbank.org/indicator/ER.FSH.CAPT.MT	1960 - 2015	Quantitative	
Catches by Taxon in the Global Ocean	Catches by Taxon	SEA AROUND US	http://www.seaaroundus.org/data/#/global?chart=catch-chart&dimension=taxon&measure=tonnage&limit=10	1950 - 2010	Tonnage and Value	

Catches by Commercial groups in the Global Ocean	Catches by Commercial groups	SEA AROUND US	http://www.seaaroundus.org/data/#/global?chart=catch-chart&dimension=commercialgroup&measure=tonnage&limit=10	1950 - 2010	Tonnage and Value	It can be sorted by Catches by function groups in the Global Ocean
Catches by Fishing country in the Global Ocean	Catches by Fishing country	SEA AROUND US	http://www.seaaroundus.org/data/#/global?chart=catch-chart&dimension=country&measure=tonnage&limit=10	1950 - 2010	Tonnage and Value	
Catches by Gear in the Global Ocean	Catches by Gear	SEA AROUND US	http://www.seaaroundus.org/data/#/global?chart=catch-chart&dimension=gear&measure=tonnage&limit=10	1950 - 2010	Tonnage and Value	
Catches by Fishing sector in the Global Ocean	Catches by Fishing sector	SEA AROUND US	http://www.seaaroundus.org/data/#/global?chart=catch-chart&dimension=sector&measure=tonnage&limit=10	1950 - 2010	Tonnage and Value	
Catches by Type in the Global Ocean	Catches by Type	SEA AROUND US	http://www.seaaroundus.org/data/#/global?chart=catch-chart&dimension=catchtype&measure=tonnage&limit=10	1950 - 2010	Tonnage and Value	
Catches by Reporting status in the Global Ocean	Catches by Reporting status	SEA AROUND US	http://www.seaaroundus.org/data/#/global?chart=catch-chart&dimension=reporting-status&measure=tonnage&limit=10	1950 - 2010	Tonnage and Value	
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	FAO	http://www.fao.org/fishery/statistics/global-fishers/en			

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.	FAO	http://www.fao.org/fishery/statistics/global-production/en	1950-2016		
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		data included in FISHSTATJ
Total fisheries production (metric tons)	Total fisheries in tons	World Bank	https://data.worldbank.org/country/cambodia	1960 - 2015	Quantity (tons)	look for : ER.FSH.PROD. 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	
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		
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
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
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			
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