1600+

data points (year x variable x country)

80000+ data-point metadata

180+ variables and indicators 160 +

country-level irrigated crop calendars

15 000+

sub-national irrigation areas

150+ detailed country profiles

AQUASTAT counting every drop

multi-lingual water-related definitions

570+

transboundary water resources data points

geo-referenced info on

 \sim 1 4 000 dams

40+

published documents (1000s of published pages)

info on

650+
national water-related institutions

country, regional, stitutions basin, global maps

investment costs for 250+

irrigation projects in africa

What we do

Collect analyse and disseminate information on water resources, water uses and agricultural water management with an emphasis on countries in Africa, Asia, Latin America and the Caribbean

Collection

- Information gathering through national expertise
- Continuous monitoring of statistical information from national and international programmes

Dissemination

- AQUASTAT website entirely available in English, French and Spanish
- Online databases
- Data enrichment through metadata
- Books, reports, articles, notes through CD, RSS, social media

Analysis

- Several rounds of manual and automatic quality control
- Data and metadata improvement using GIS, remote sensing and modelling
- Standardization to allow international comparability
- Submission to government for approval and incorporation of feedback

Thematic studies

 Filling data gaps, improving reliability, feeding global topical debates



Food and Agriculture Organization of the United Nations

AQUASTAT

www.fao.org/nr/aquastat

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Standardized data and information on water:

To provide you with evidence to measure your progress and to substantiate your decisions

What we produce:

AQUASTAT main online country database

180+ variables on water resources, water uses, irrigation and drainage, from 1958 to date, for 200+ countries and territories, in English, French and Spanish



Metadata

Quantitative and qualitative contextual information about data-points, as well as a description of AQUASTAT's experience with the metadata system development

Country fact sheets

One page summary on a country's most relevant statistics, dynamically generated from the database

Country profiles

National-level analysis of water resources, water uses, irrigation and drainage, environment, institutional framework, prospects, in 150+ countries

Regional analyses

Covering Africa, Central Asia, Middle East, Southern and Eastern Asia, Latin America and the Caribbean

Transboundary river basins

Quantitative and qualitative information for selected transboundary river basins

Climate information tool

Spatial dataset containing climate data allowing for calculation of soil water balance, and crop and irrigation water requirements

Dams database

Geo-referenced database of large dams, including information on dam height, reservoir capacity and area, and purposes

Investment cost in irrigation

Information on irrigation investment costs for some 250 irrigation projects

Irrigation water use

Pressure on the available water resources due to irrigation, based on detailed irrigated crop calendars for 150+ countries

Wastewater

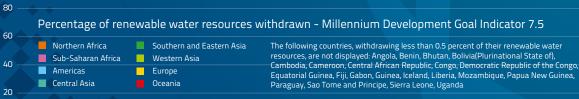
Information and data about municipal wastewater production, collection, treatment, discharge and direct use

Water resources

Country water resources sheets ensuring consistency between countries sharing the same river basin, by taking into consideration agreements between countries on the sharing of transboundary water resources

Water-related institutions database

650+ institutions, searchable by country, by type of institution, by main activity, or by keyword



* DPR Korea = Democratic People's Repi Democratic Republic; TfYR of Macedon Republic of Tanzania; USA = United Sta

Tools:

To allow you to generate your own analysis and conclusions, articles and presentations

Capacity development:

To improve your understanding and monitoring of water resources, uses, and irrigation management

Glossary

500 water-related terms in Arabic, Chinese, English, French, Russian and Spanish

Publications

40+ reports, papers and articles: methodological discussions, data compilations, project reports, useful for water-related planning, policy-making, capacity development, research, etc.

Information for the media

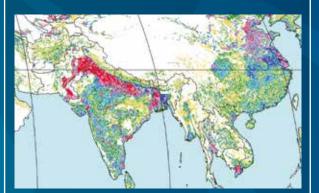
Selected basic water-related data from the database and information from the website bought together in easily understandable fact sheets

Irrigated crops worldwide

- Cereals
- Others
- Fodder & pastures
- Fiber crops
- Beverage crops
- Oil crops
- Sugar crops
- Pulses
- Fruits
- Vegetables
 - Roots

Global map of irrigation areas

Areas equipped for irrigation, including the sources of water, based on statistical and geospatial information at a national and sub-national level



Geospatial information

Downloadable datasets and digital data layers on climate, water resources and irrigation

Water maps

Maps showing water-related data at country, regional, transboundary river basin and global levels

Projects

65%

To improve the understanding and monitoring of agricultural water and contribute to national capacity development. Examples of key projects, led by AQUASTAT, are the UN-Water Country Briefs and the UN-Water Federated Water Monitoring System and Key Water Indicator Portal

Republic of Korea; Iran = Islamic Republic of Iran; Lao PDR = Lao People's edonia = The former Yugoslav Republic of Macedonia; UR Tanzania = United d States of America; Venezuela = Bolivarian Republic of Venezuela

Punted Ningdom
Republic of Moldova
Republic of Moldova
Refuel Mamarica
DPR Korea
Jamarica
Jam

Collaboration

- Within FAO: State of the World's Land and Water Resources for Food and Agriculture (SOLAW); Statistical Yearbooks; World Agriculture Towards 2015/30, 2030/2050, 2050/2080; World Census of Agriculture 2010, 2020
- With United Nations and UN-Water: World Water Development Reports (WWDR), Human Development Reports (HDR), Millennium Development Goal (MDG) reports; Sustainable Development Goal (SDG) reports; projects
- With other international agencies: Harmonization of water-related terminology, definitions and data

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Use AQUASTAT to	The state of the s	unity 12	ublic M	edia hni	cian m	d research	ther d stud	en _k
Download data on 180 publicly availa 200+ countries from 1958-present a research, analysis and modelling free	able variables in and use it for your	•			•		•	•
Compare countries and regions using variables or indicators	g the water-related	•					•	•
Understand 500+ water terms in six Chinese, English, French, Russian an		•	•	•	•		•	•
Kickstart your project proposal or ini AQUASTAT country profiles, country resources sheets		•			•			
Learn about transboundary water is: associated complexities	sues, and the	•	•	•	•	•	•	•
Stay current with the on-going inter- water-related issues	•	•	•		•	•	•	
Quickly prepare for your meeting or using AQUASTAT's country, regional, global products	oresentation by river basin and	•			•	•		•
Discover basic water information through the information for journalists section			•	•				•
Get easily understandable water information for your article or blog			•	•				•
Support national, regional and global policy and decision-making						•		
Identify data-gaps and determine where data-enriching exercises could be performed in your country		•			•	•	•	
Demonstrate the importance of irrigation for food security, in this age of competing needs for land and water				•		•	•/	

Land and Water Division (NRL)

Food and Agriculture Organization of the United Nations

