

1 600+
sources used

220 000+
data points (year x variable x country)

80 000+
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

500
multi-lingual
water-related
definitions

570+
transboundary water resources data points

info on
650+
national water-related institutions

150+
country, regional,
basin, global maps

geo-referenced info on
~14 000
dams

40+
published documents
(1000s of published pages)

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



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

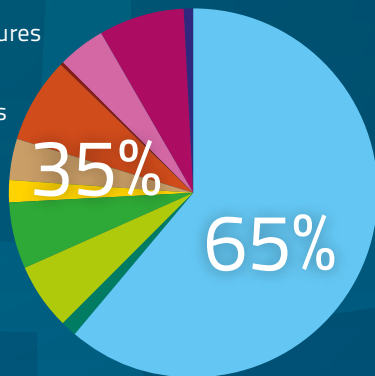
40+ reports, papers and articles: methodological discussions, data compilations, project reports, useful for water-related planning, policy-making, capacity development, research, etc.

Information for the media

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

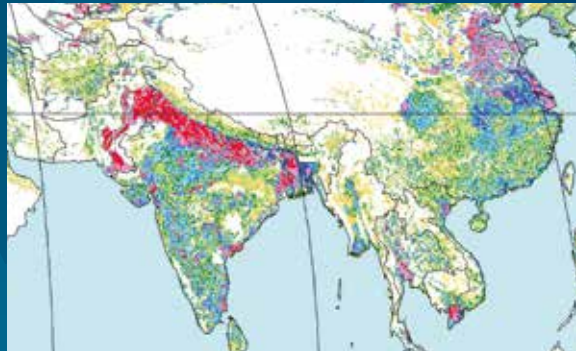
Irrigated crops worldwide

- 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

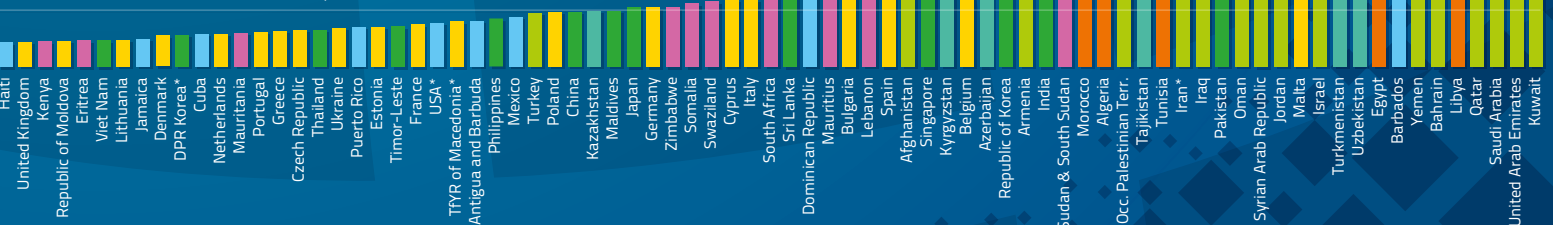
Water maps

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

Projects

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 Republic; Macedonia = The former Yugoslav Republic of Macedonia; UR Tanzania = United States of America; Venezuela = Bolivarian Republic of Venezuela



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

If you are...

a member of the general public
 a national water technician
 a policy/decision maker
 a researcher
 a student
 a development community
 the media

Use AQUASTAT to...

	a member of the general public	a national water technician	a policy/decision maker	a researcher	a student	a development community	the media
Download data on 180 publicly available variables in 200+ countries from 1958-present and use it for your research, analysis and modelling free of cost	●		●		●		●
Compare countries and regions using the water-related variables or indicators	●				●		●
Understand 500+ water terms in six languages: Arabic, Chinese, English, French, Russian and Spanish	●	●	●	●	●		●
Kickstart your project proposal or initiative using the AQUASTAT country profiles, country fact sheets, water resources sheets	●			●			
Learn about transboundary water issues, and the associated complexities	●	●	●	●	●		●
Stay current with the on-going international debate on water-related issues	●	●	●	●	●		●
Quickly prepare for your meeting or presentation by using AQUASTAT's country, regional, river basin and global products	●			●			●
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

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