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-
- [Search](#)
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Major hydrological basins of the world

This dataset was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (HydroSHEDS and Hydro1K). Input data resolution is 15 arc-seconds between 60 N and 60 S latitude (based on SRTM), and 30 arc-seconds for higher latitudes (based on GTOPO30). The dataset consists of the following information: numerical code (MAJ_BAS), name (MAJ_NAME) and area (MAJ_AREA) of the major basin in square km.
Completed

Download and links

WMS

bas_wrld_38047

World map of the major hydrological basins

This dataset is published in the view service (WMS) available at <https://data.apps.fao.org/map/gsrv/gsrv1/solaw/wms> with layer name **bas_world_38047**.

Add to map

Download - Major hydrological basins of the world (ESRI shapefile)

https://storage.googleapis.com/fao-maps-catalog-data/geonetwork/aquamaps/Major_hydrological_basins.zip

Download

General information regarding the HydroSHEDS data product

<http://www.worldwildlife.org/hydrosheds>

Open link

HydroSHEDS dataset download and technical information

<https://www.hydrosheds.org/>

Open link

Major rivers of the world

<https://data.apps.fao.org/map/catalog/srv/eng/catalog.search#/metadata/76e4aacc-b89e-4091-831f-63986fe029f9>

Open link

Other resources

Hydrological basins in Australia and New Zealand

This dataset divides the Australian continent in major hydrological basins and their sub-basins according to its hydrological characteristics. It was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (WWF HydroSHEDS and Hydro1K).... [more...](#)

Associated resource
(Part of seamless database / Collection)

Hydrological basins in Central America

This dataset divides the Central American continent in major hydrological basins and their sub-basins according to its hydrological characteristics. It was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (WWF HydroSHEDS and Hydro1K).... [more...](#)

Associated resource
(Part of seamless database / Collection)

Hydrological basins in North America

This dataset divides the North American continent in major hydrological basins and their sub-basins according to its hydrological characteristics. It was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (WWF HydroSHEDS and... [more...](#)

Associated resource
(Part of seamless database / Collection)

Hydrological basins in Africa

This dataset divides the African continent in major hydrological basins and their sub-basins according to its hydrological characteristics. It was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (WWF HydroSHEDS and Hydro1K).... [more...](#)

Associated resource
(Part of seamless database / Collection)

Hydrological basins in Europe

This dataset divides the European continent in major hydrological basins and their sub-basins according to its hydrological characteristics. It was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (WWF HydroSHEDS and Hydro1K).... [more...](#)

Associated resource
(Part of seamless database / Collection)

Hydrological basins in South America

This dataset divides the South American continent in major hydrological basins and their sub-basins according to its hydrological characteristics. It was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (WWF HydroSHEDS and... [more...](#)

Associated resource
(Part of seamless database / Collection)

Hydrological basins in Southeast Asia

This dataset divides the Asian continent in major hydrological basins and their sub-basins according to its hydrological characteristics. It was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (WWF HydroSHEDS and Hydro1K).... [more...](#)

Associated resource
(Part of seamless database / Collection)

Hydrological basins in Near East

This dataset divides the Near East in major hydrological basins and their sub-basins according to its hydrological characteristics. It was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data (WWF HydroSHEDS and Hydro1K).... [more...](#)

Associated resource
(Part of seamless database / Collection)

About this resource

Categories

Geoscientific information

Other keywords

- watersheds
- river basins
- water resources
- hydrology
- AQUASTAT
- fishery
- SOLAW
- land cover
- AQUAMAPS_basins
- Tag_AQUASTAT

Language

- English

Legal constraints

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FAO-UN

Contact for the resource

- *Author:*
[Jippe Hoogeveen](#)

Status

- Completed

Technical information

Representation type

- Vector

Scale

- 5000000

Format

ESRI Shapefile

Lineage

The majority of the linework of the map was obtained by delineating drainage basin boundaries from hydrologically corrected elevation data with a resolution of 15 arc-seconds. The elevation dataset was part of a mapping product, HydroSHEDS, developed by the Conservation Science Program of World Wildlife Fund. Original input data had been obtained during NASA's Shuttle Radar Topography Mission (SRTM). Areas north of the SRTM extent, 60 degrees N, were obtained by merging with the HYDRO1k basin layer.

Metadata information

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Contact

FAO-UN Land and Water Division
 Viale delle Terme di Caracalla, Rome, 00100, Italy

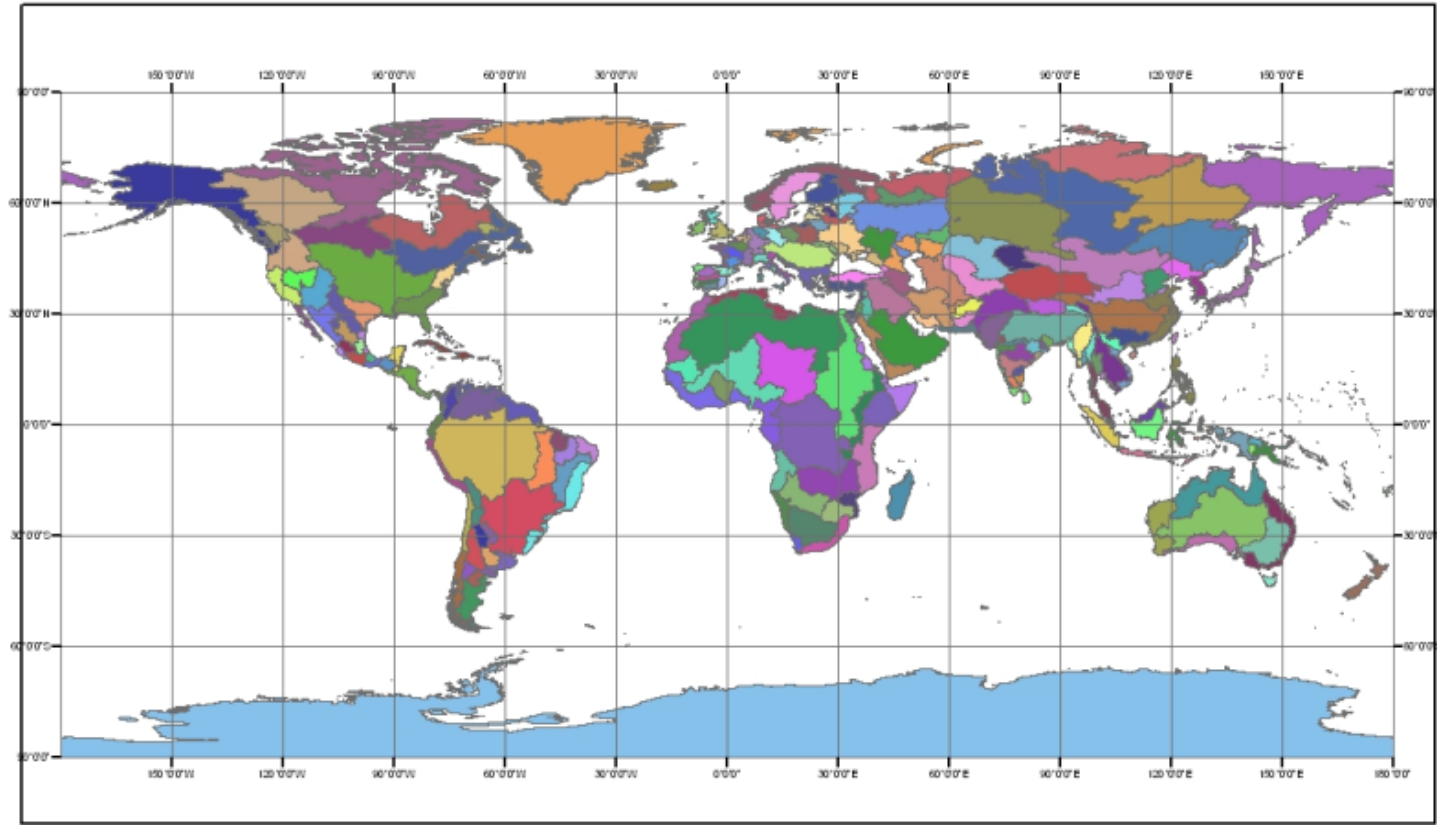
- Point of contact:
[AQUASTAT](#)

Metadata language • English

Identifier 7707086d-af3c-41cc-8aa5-323d8609b2d1

Overview

Major hydrological basins of the world



Major hydrological basins of the world (PNG)

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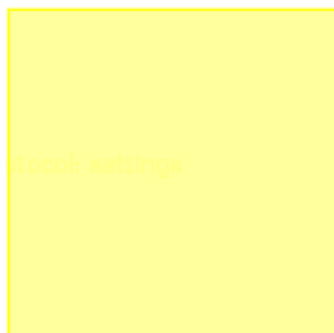
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