

Water Risk Filter

by

WWF



WWF

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Narrative

The **WWF Water Risk Filter (WRF)** is a tool that enables companies and financial institutions to assess their water-related risks.

It identifies physical (scarcity, pollution, flooding), regulatory, and reputational risks based on geographic and sector-specific data.

Data Sources

+30-40 sources

- WWF (internal analyses),
- World Resources Institute (Aqueduct),
- FAO (AQUASTAT),
- NASA / satellite data,
- IUCN, UNEP, World Bank,
- Climate data (IPCC, global models),
- Hydrological data (HydroSHEDS),
- Peer-reviewed scientific databases.

Coverage

Global geographic coverage
with local granularity

25 industries covered

All asset categories directly
linked to companies

Historisation

**2012: launch
& 1st version**

Latest version in April 2026 (V3)

Indicators & Methodology

Scoring

+60

Indicators

17

Risk categories

3

Risk types

After standardizing and transforming the raw data into *indicators* from **1 to 5 points**, the basin *risk categories* must be calculated based on fixed weights.

The *risk categories* are then aggregated into risk types (physical, regulatory deficiency & reputational) again using a weighted average. A *country risk* score is calculated.

To calculate this basin risk, **the user, through his account, will need to input the following data:**

- Site location for companies' own operations, supply chain sites and financial assets,
- Site activity classification according to WWF RFS Industry Sector Classification,
- Site importance relative to the entire business (high, medium or low importance).

Extraction

Download here
Country profiles in Excel

ID = Country Code ISO 3



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WWF Risk Filter Suite

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Indicators & Methodology

One Suite, 3 interoperable tools:



WWF BIODIVERSITY
RISK FILTER



WWF WATER
RISK FILTER



WWF PLACE-BASED
IMPACT ESTIMATOR

3 distinct and complementary tools: the Water Risk Filter (WRF), the Biodiversity Risk Filter (BRF) and the new Place-based Impact Estimator (PIE).

Narrative

The WWF Risk Filter Suite is a free, online suite of tools and resources for nature-related risks.

Private sector actors can screen, understand and prioritise global nature risks & opportunities across their operations, value chains, and financial portfolios.

It translates complex environmental data into actionable insights for business with 3 distinct and complementary tools.

Data Sources

+80 scientific datasets

- WWF (internal analyses),
- World Resources Institute (Aqueduct),
- FAO (AQUASTAT),
- NASA / satellite data,
- IUCN,
- UNEP,
- World Bank,
- Satellite and geospatial data,
- Scientific publications,
- ...

3

Risk types

Physical risk: driven by business dependencies on nature,

Reputational risk: driven by business impacts on nature,

Regulatory deficiency risk: driven by business impacts on nature.

26

industry activities weighted according to their dependencies and impacts on water and biodiversity.

80

different, spatially explicit datasets spanning the entire globe

To calculate the risk, **the user, through his account, will need to input the following data:**

- Site location for companies' own operations, supply chain sites and financial assets,
- Site activity classification according to [WWF RFS Industry Sector Classification](#),
- Site importance relative to the entire business (high, medium or low importance).

Coverage

Global geographic coverage
with local granularity

26 industries covered

All asset categories directly
linked to companies

Historisation

2012: launch of WWF WRF
the WWF BRF was launched in 2023

Latest version in April 2026 (V3)

Extraction

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Water Risk Country Profiles in Excel.

ID = Country Code ISO 3



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