

# 1: Renewable freshwater resources

## Glossary, abbreviations, legends and units of measurement

### **Glossary:**

**Actual evapotranspiration:** Total actual volume of evaporation from the ground, wetlands and natural water bodies and transpiration of plants. According to the definition of this concept in Hydrology, the evapotranspiration generated by all human interventions is excluded, except unirrigated agriculture and forestry. The 'actual evapotranspiration' is calculated using different types of mathematical models, ranging from very simple algorithms (Budyko, Turn Pyke, etc.) to schemes that represent the hydrological cycle in detail. Inflow of surface and ground waters from neighbouring countries: Total volume of actual external inflow of rivers and groundwater, coming from neighbouring countries. Boundary waters should be divided 50/50 between the two riparian countries, unless other water sharing agreements exist.

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**Internal flow:** Total volume of river run-off and groundwater generated over the period of a year, in natural conditions, exclusively by precipitation into a territory. The internal flow is equal to precipitation less actual evapotranspiration and can be calculated or measured. If the river run-off and groundwater generation are measured separately, transfers between surface and groundwater should be netted out to avoid double counting.

**Outflow of surface and groundwater to neighbouring countries:** Actual outflow of rivers and groundwater into neighbouring countries.

**Outflow of surface and groundwater to the sea:** Actual outflow of rivers and groundwater into the sea.

Precipitation: Total volume of atmospheric wet precipitation (rain, snow, hail, dew, etc.) falling on the territory of the country over one year, in million cubic metres

Renewable freshwater resources = Internal flow + Inflow of surface and ground waters from neighbouring countries.

***Abbreviations:***

AQUASTAT:	FAO's global information system on water and agriculture
ECE:	United Nations Economic Commission for Europe
EEA:	European Environment Agency
EU:	European Union
Eurostat:	European Union Statistical Office
FAO:	Food and Agricultural Organization of the United Nations
IRWS:	International Recommendations for Water Statistics
OECD:	Organisation for Economic Co-operation and Development
UNEP:	United Nations Environment Programme
UNSD:	United Nations Statistics Division
WHO:	World Health Organization
WMO:	World Meteorological Organization

***Units of measurement:***

m<sup>3</sup>: cubic metre