

The Unu-Water Exercise

A Step-by-Step Introduction to Environmental –Economic Accounts for Water (SEEA-Water)

Workbook

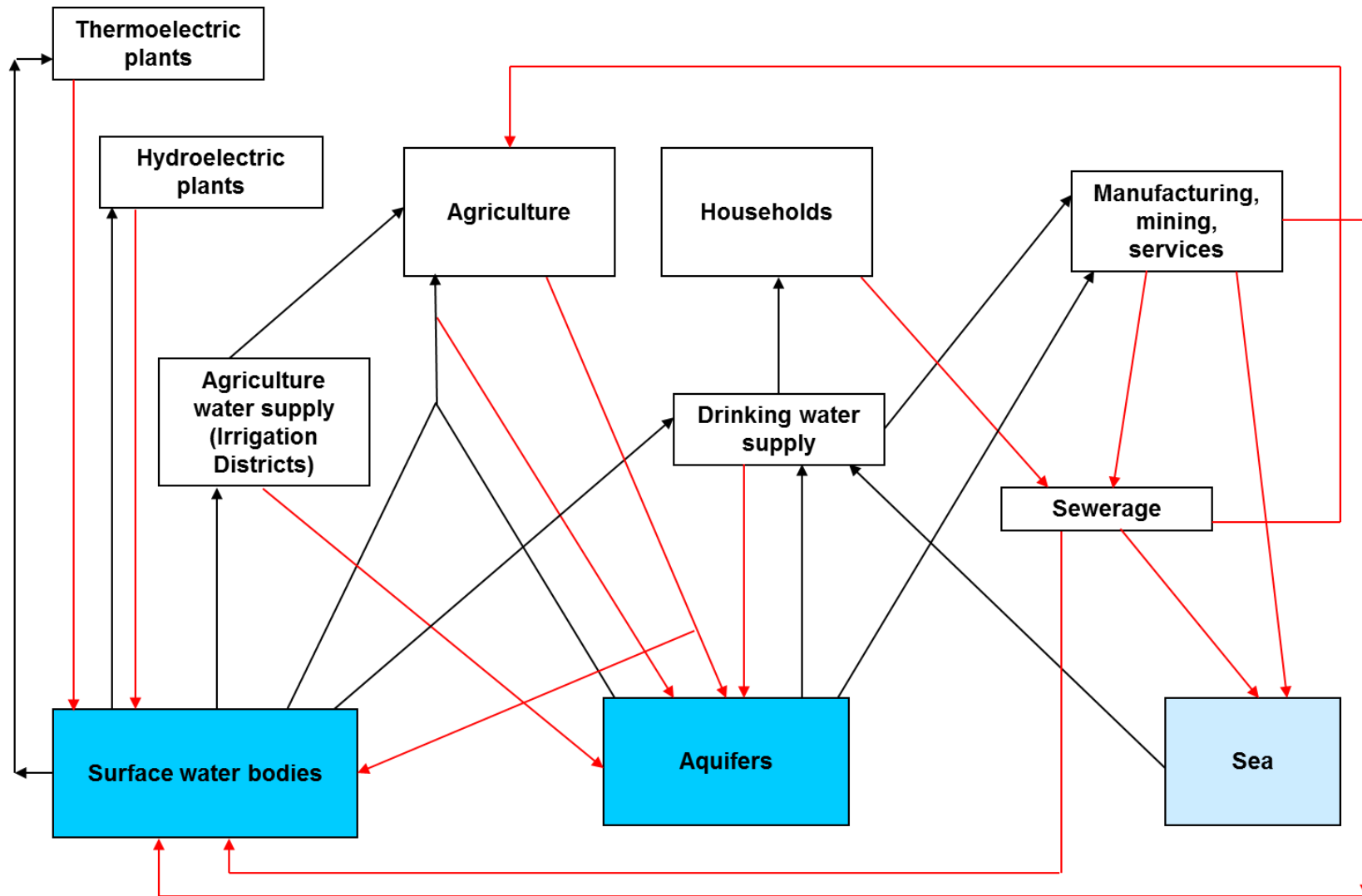
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(Translation was done with version 2)

The following are the standard definitions provided in the System of Environmental-Economic Accounting, Central Framework (SEEA-CF). The specific paragraphs in the SEEA-CF, where the definitions can be found, are provided in parenthesis:

Abstraction	Abstraction is defined as the amount of water that is removed from any source, either permanently or temporarily, in a given period of time. Water used for hydroelectric power generation, is considered as abstraction and is recorded as a use of water by the abstractor. Water abstracted but not used in production, such as water flows in mine de-watering, are recorded as natural resource residuals. Water abstraction is disaggregated by source and by industry. (SEEA-CF 3.195)
Final Water Use	Final Water Use is equal to evaporation, transpiration and water incorporated into products. (Also referred to in the SEEA-Water as “water consumption”) (SEEA-CF 3.222)
Return Flows of Water	Return flows of water comprise water that is returned to the environment. (SEEA 3.210)

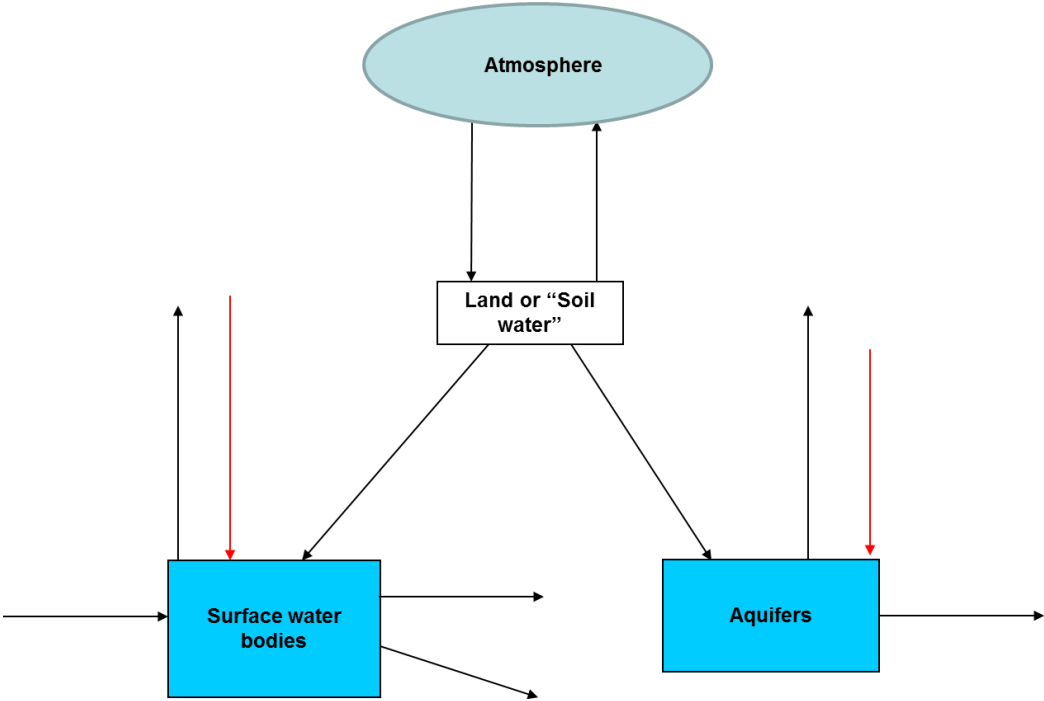
Module I: Basic understanding of the water cycle in the economy

Template for diagram of water flows in the economy



Module II: Basic understanding of the natural water cycle

Template for diagram of water flows in the natural water cycle



SUPPLY	Agriculture (ISIC 01-03)	Industry (ISIC 05-99 less 3510, 36, and 37)	Hydro-electricity (ISIC 3510)	Thermal Electricity (ISIC 3510)	Water Supply: drinking water (ISIC 36-A)	Water Supply: irrigation (ISIC 36-B)	Sewerage (ISIC 37)	Households	Environment	Total
	Water, drinking (CPC 18-A)									
Water, irrigation (CPC 18-B)										
Reuse water										
Surface water										
Ground water										
Sea water										
Losses										
Wastewater										
Evaporation, transpiration, included in products										
Total										

USE	Agriculture (ISIC 01-03)	Industry (ISIC 05-99 less 3510, 36, and 37)	Hydro-electricity (ISIC 3510)	Thermal Electricity (ISIC 3510)	Water Supply: drinking water (ISIC 36-A)	Water Supply: irrigation (ISIC 36-B)	Sewerage (ISIC 37)	Households	Environment	Total
Water, drinking (CPC 18-A)										
Water, irrigation (CPC 18-B)										
Reuse water										
Surface water										
Ground water										
Sea water										
Losses										
Wastewater										
Evaporation, transpiration, included in products										
Total										