

The System of Environmental-Economic Accounting for Water SEEAW

Water Asset Accounts-Exercise

Training Session on the System of Environmental-Economic Accounting for Water (SEEAW) الدورة التدريبية حول نظام المحاسبة البيئية



Wafa Aboul Hossn

Team leader, Statistics Division

Economic and Social Commission for Western Asia (ESCWA)

Tel: (961 1) 978-519, Fax: (961 1) 981 510

Email: aboulhossn@un.org

Wafa A. Hossn UNESCWA, 2008

Exercise on Asset Accounts

1. Study the 2 following diagrams
2. Fill the Accounts Tables as per the diagram
3. Compare your answers with the Tables

Diagram 1: Opening Stocks and Increases in Stocks

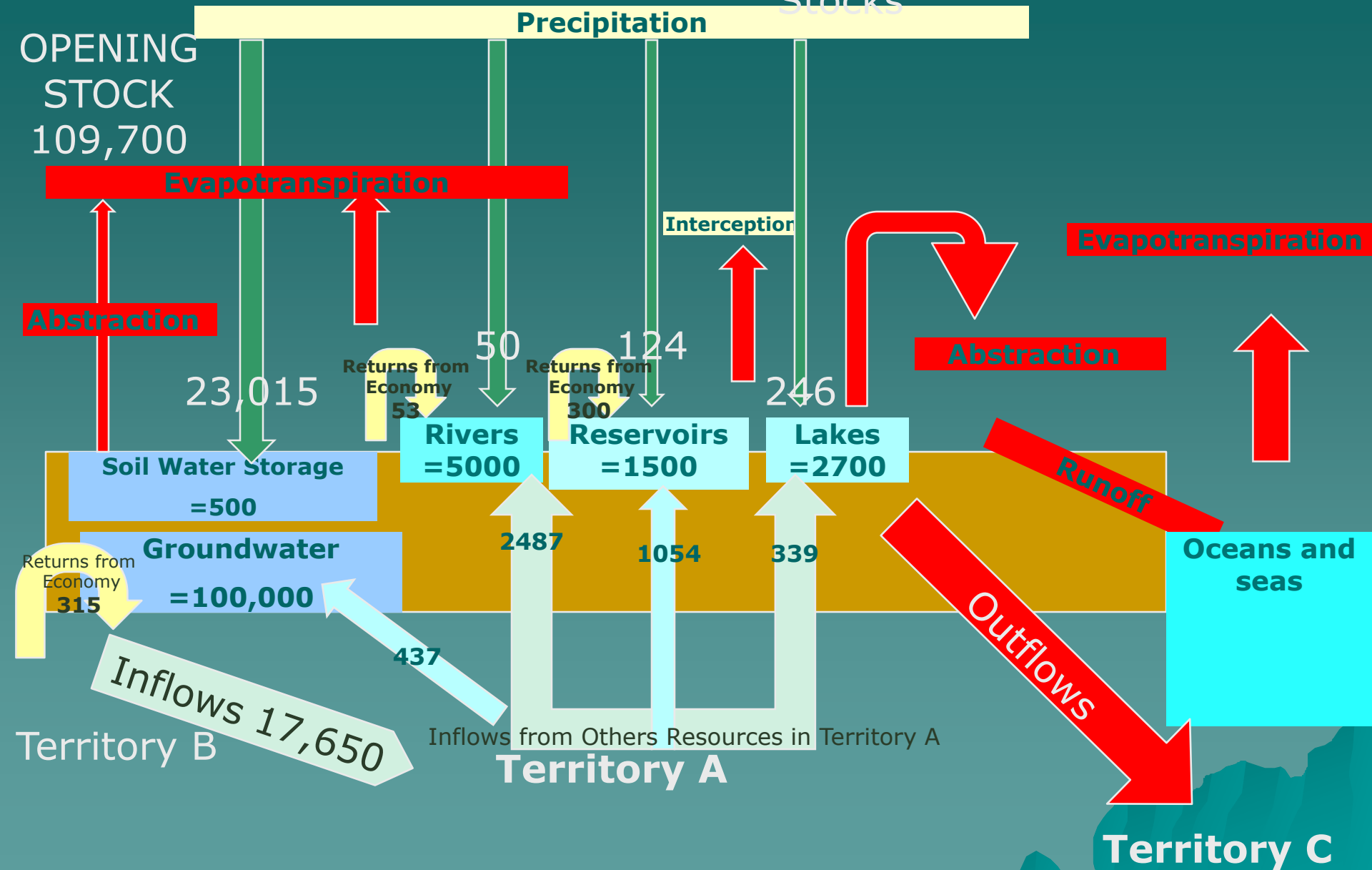


Diagram2: Decreases in Stocks and Closing Stocks

CLOSING STOCK
109,582

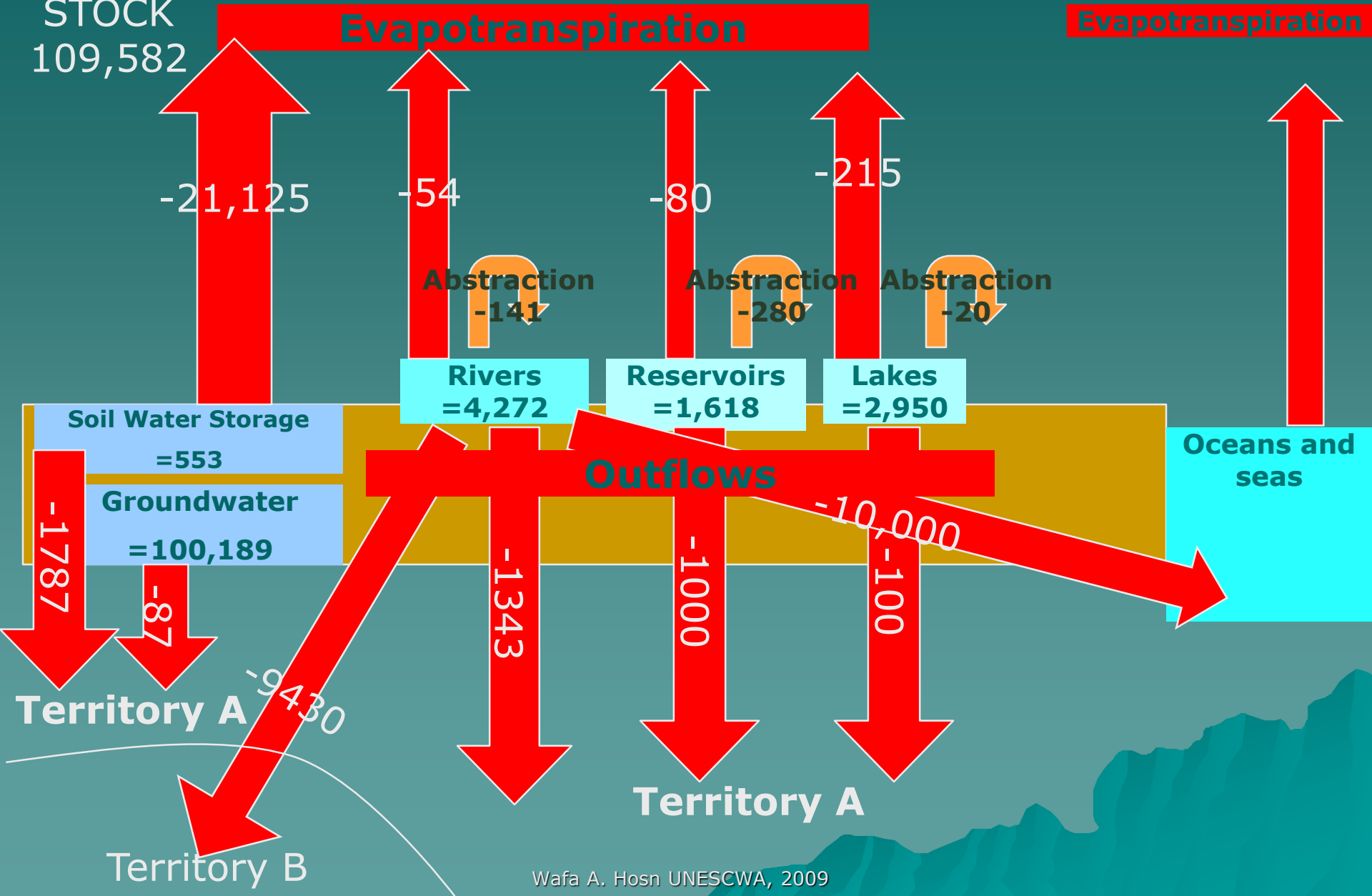


Diagram3: Matrix of Flows between Water Resources

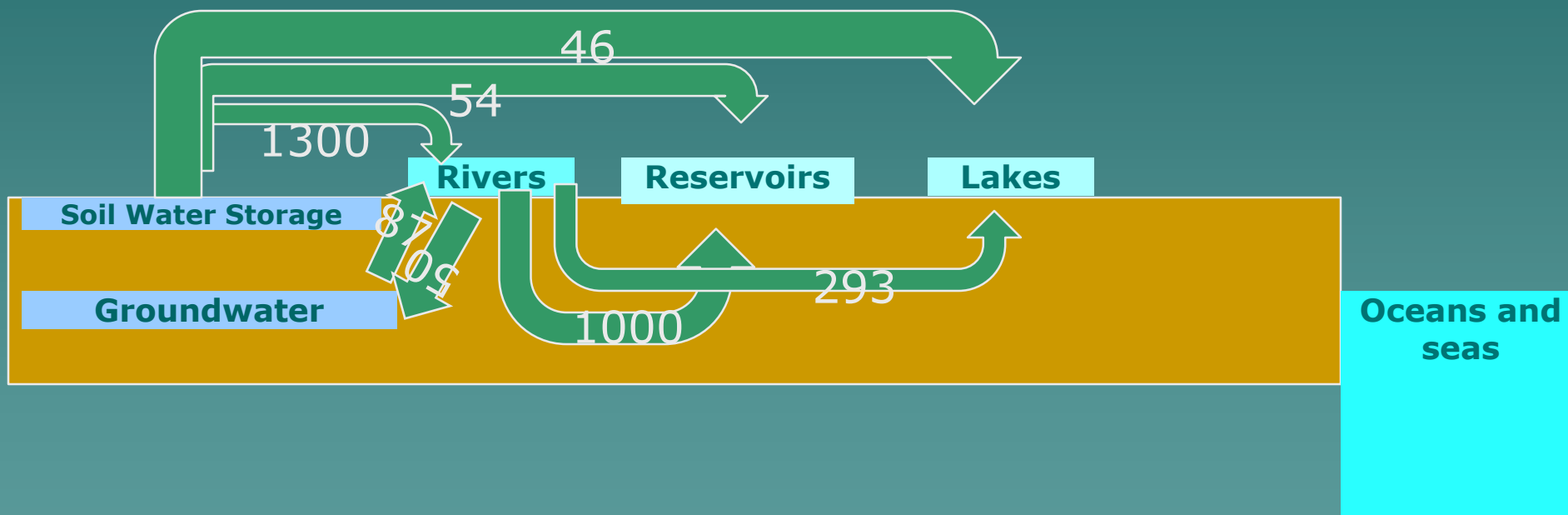


Table 6.1 Asset Accounts

Opening Stocks and Increases in Stocks

Asset accounts		Physical units (Million Cubic Meters)						
		EA.131 Surface water				EA.132	EA.133	Total
		EA.1311	EA.1312	EA.1313	EA.1314	Groundw	Soil	
		Artificial	Lakes	Rivers	Snow, Ice	ater	water	
		Reservoirs			and			
					Glaciers			
1. Opening Stocks								
Increases in stocks								
	2. Returns from the economy							
	3. Precipitation							
	4. Inflows							
	4.a. from upstream territories							
	4.b. from other resources in the territory							

Table 6.1 Asset Accounts

Decreases in Stocks and Closing Stocks

	EA.131 Surface water				EA.132 Groundwater	EA.133 Soil water	Total
	EA.1311 Artificial Reservoirs	EA.1312 Lakes	EA.1313 Rivers	EA.1314 Snow, Ice and Glaciers			
Decreases in stocks							
5. Abstraction							
6. Evaporation/Actual evapotranspiration							
7. Outflows							
7.a to downstream territories							
7.b to the sea							
7.c to other resources in the territory							
8. Other changes in volume							
9. Closing Stocks							

Note: Grey cells indicate non relevant or zero entries by definition.

Table 6.2 Matrix of Flows between Water Resources

Supplementary information to the asset accounts (Chapter 6)							
Matrix of flows between water resources							
Physical units (Million Cubic Meters)							
	EA.131 Surface water				EA.132 Groundwater	EA.133 Soil water	Outflows to other resources in the territory
	EA.1311 Artificial Reservoirs	EA.1312 Lakes	EA.1313 Rivers	EA.1314 Snow, Ice and Glaciers			
EA.1311 Artificial Reservoirs							
EA.1312 Lakes							
EA.1313 Rivers							
EA.1314 Snow, Ice and Glaciers							
EA.132 Groundwater							
EA.133 Soil water							
Inflows from other resources in the territory							