



ESCWA

United Nations Economic and Social Commission for Western Asia

Shared Socio-economic Pathways (SSPs)

Module Structure and Outline, Literature Review,

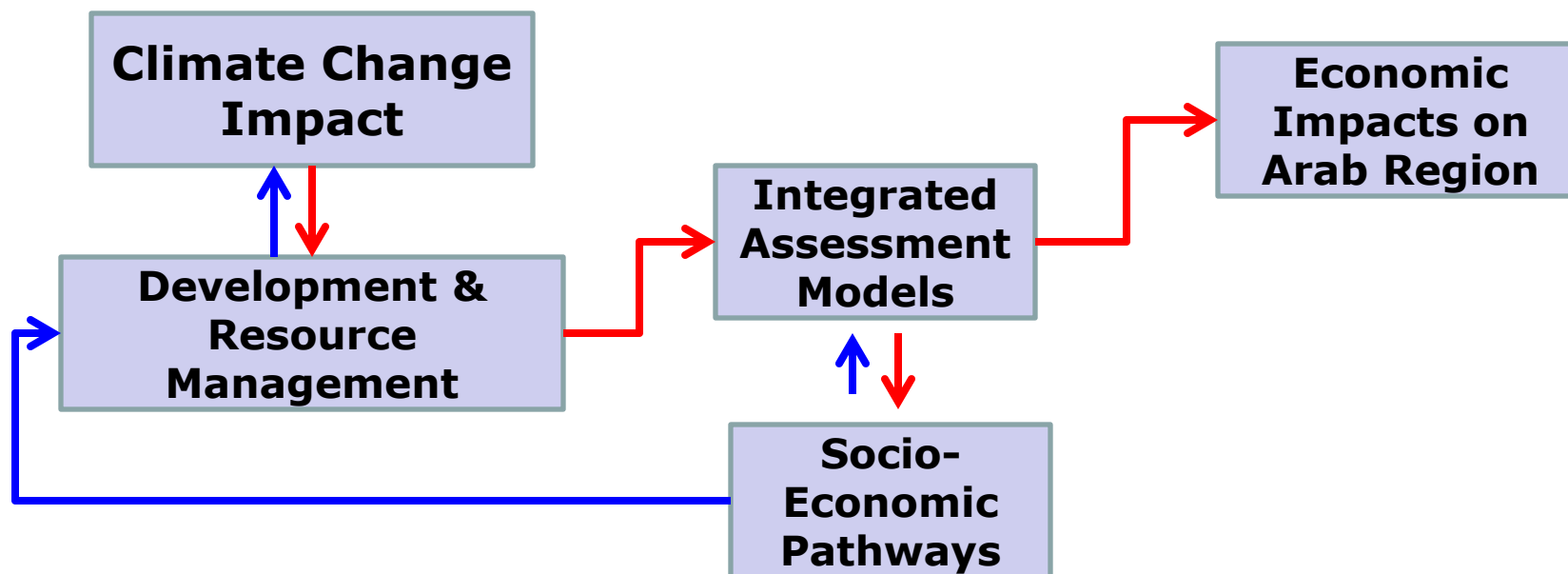
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Objective



1 ■ Shared Socio-economic Pathways (SSPs)



- Elaborated as "reference pathways"
- Assuming "no climate change or climate impacts, and no new climate policies".
 1. To better inform the Representative Concentration Pathways (RCPs) that serve as "inputs" for Computer Climate Model (CM) simulations.
 2. To serve as a basis for IAM scenarios that better reflect their outputs.

SSP main Variables

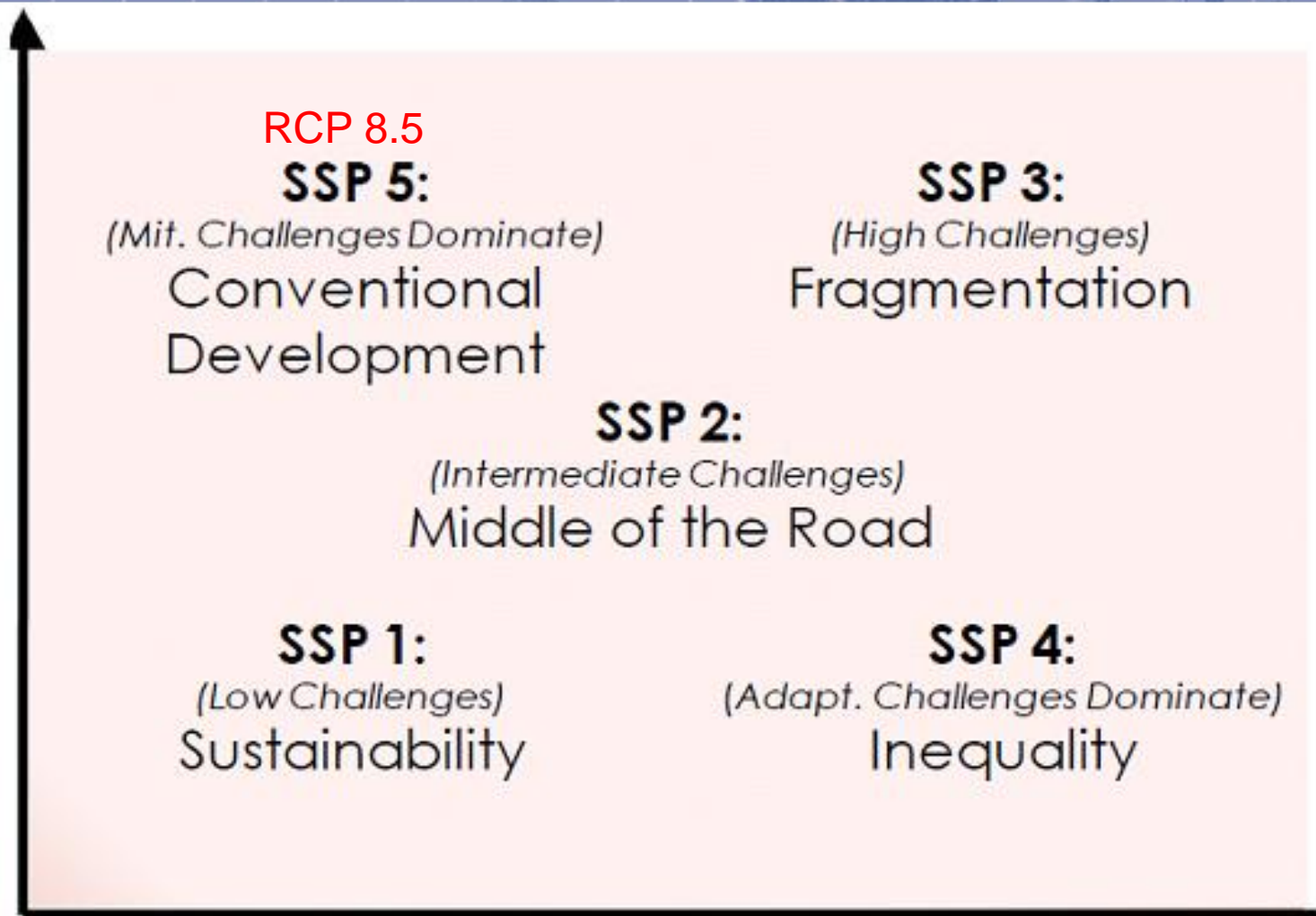


SSP Element	SSP 1			SSP 2			SSP 3			SSP 4			SSP 5		
	Country Income Groupings														
	Low	Med	High	Low	Med	High	Low	Med	High	Low	Med	High	Low	Med	
Economy & Lifestyles															
Growth (per cap)	Medium		Fast	Medium		Slow	Slow			Low	Medium	Medium/High	High		
Structure	Rapid service sector growth												Limited shift toward ser high demand for mnfd		
Inequality							High (within/across country not specified)								
Across regions	Convergence, but retaining diversity												High		
Within country	Becoming more equitable, less stratification												High		
Intl. Trade							Barriers to trade						Unclear/not specified		
Globalization													High		
Consumption	Low growth in material consumption			material intensive consumption			material intensive consumption			Elites: high consumption lifestyles; Rest: low consumption, low mobility			Materialism, consume Focus on status consum including tourism, recre mobility.		

SSP Families



Socio-economic
challenges for mitigation



Socio-economic challenges
for adaptation

SSPs and RCPs



		SSP 1	SSP 2	SSP 3	SSP4	SSP5
	Reference	X	X	X	X	X
Replication RCP	8.5 Wm ⁻²					X
	6.0 Wm ⁻²	X	X	X	X	X
	4.5 Wm ⁻²	X	X	X	X	X
	2.6 Wm ⁻²	X	X			X



Thank you

