





	East	Europe	Latin	Middle East			
Cost aggregation type	Asia and Pacific	and Central Asia	America and Caribbean	and North Africa	South Asia	Sub- Saharan Africa	Total
N	ational Cent	re for Atm	ospheric Resea	rch (NCAR	.), wettest so	cenario	
Gross sum	28.7	10.5	22.5	4.1	17.1	18.9	101.8
X-sum	25.0	9.4	21.5	3.0	12.6	18.1	89.6
Net sum	25.0	9.3	21.5	3.0	12.6	18.1	89.5
Commonwea	alth Scientifi	c and Indus	strial Research	Organizati	on (CSIRO), driest scen	ario
Gross sum	21.8	6.5	18.8	3.7	19.4	18.1	88.3
X-sum	19.6	5.6	16.9	3.0	15.6	16.9	77.6
Net sum	19.5	5.2	16.8	2.9	15.5	16.9	76.8

Note: Gross sum is the aggregate cost for all positive costs incurred by countries for a particular sector, ignoring all country and sector combinations resulting in negative costs. Net sum includes both positive and negative costs. X-sum sets all costs for a given country at zero if the net sum for the country is negative.

Source: Economics of Adaptation to Climate Change study team.



Indicators related to Goal 7:

- 25. **Proportion of land area covered by forest**
- 26. Ratio of area protected for biodiversity to surface area
- 27. Energy use (kg oil equivalent) per \$1 GDP (PPP)
- 28. Carbon dioxide emissions per capita and consumption of ozone-depleting CFCs
- **29. Proportion of population using solid fuel**
- **30-31.** Proportion of population with sustainable access to an improved water source, and to improved sanitation
- **32. Proportion of households with access to secure tenure**

15-12-08

APPROACH:

Climate issue one of several problems on developmentbiosphere interface

Development-climate/environment issues require new perspectives and strategies at all levels (global down to local)

These issues best addressed in a framework of coherence, sustainable development and contextuality

Process-related issues as well as structural ones ('enabling environments, governance architectures)

SUSTAINABLE DEVELOPMENT:

a process of change in which:

- the exploitation of resources,
- the direction of investments,
- the orientation of technological development, and
- institutional change

are all compatible ("in harmony") and enhance both current and future potential to meet human needs and aspirations.

(after) WCED 1987:46

Structure of the chapter:

- 1) General aspects (embedding CC in coherent SD)
- 2) climate-development linkages at the international level
- 3) New development objectives and strategies at national level (differentiation for different categories of developing countries)
- 4) "Local level" considerations (incl: role of CSOs, private sector, etc).

Special features/foci:

- Economic and financial considerations
- Agriculture/land use (change) and energy
- "Institutions" and institional change as well as technological innovation
- Link with recent attention for employment/work, urbanisation and migration





















