

Appendix III: Acronyms, chemical symbols, scientific units

III.1 Acronyms and chemical symbols

ACIA	Arctic Climate Impact Assessment	NAO	North Atlantic Oscillation
AIDS	Acquired immune deficiency syndrome	NASA	National Aeronautics and Space Administration
AMO	Atlantic Multi-decadal Oscillation	NGO	Non-governmental organisation
AOGCM	Atmosphere–ocean general circulation model	NH	Northern Hemisphere
AR4	Fourth Assessment Report (of the IPCC)	OECD	Organisation for Economic Co-operation and Development
ARD	Afforestation, reforestation and deforestation	PCBs	Polychlorinated biphenyls
CCS	Carbon capture and storage	PDO	Pacific Decadal Oscillation
CDM	Clean Development Mechanism	PDR	People’s Democratic Republic
CH ₄	Methane, see Glossary	PDSI	Palmer Drought Severity Index
CO ₂	Carbon dioxide, see Glossary	pH	See Glossary under <i>pH</i>
CRU	Climatic Research Unit	PNA	Pacific–North American (pattern)
DJF	December, January, February	ppm	Parts per million, see Appendix III.2
ECLAC	Economic Commission for Latin America and the Caribbean	PREC/L	Precipitation Reconstruction over Land
ENSO	El Niño–Southern Oscillation	PSA	Pacific–South American (pattern)
EROS	Earth Resources Observation and Science	SAM	Southern Annular Mode
ES	Executive Summary	SAR	Second Assessment Report (of the IPCC)
EU	European Union	SD	Standard deviation
FAO	Food and Agriculture Organization	SI	Suitability index
FAQ	Frequently Asked Questions	SIDS	Small Island Developing States
FAR	First Assessment Report (of the IPCC)	SLE	Sea-level equivalent
GCM	General circulation model	SM	Supplementary Material
GDP	Gross domestic product	SOI	Southern Oscillation Index
GHCN	Global Historical Climatology Network	SPCZ	South Pacific Convergence Zone
GHG	Greenhouse gas(es)	SPM	Summary for Policymakers
GLOF	Glacial lake outburst flood	SRES	Special Report on Emissions Scenarios
GNP	Gross national product	SST	Sea surface temperature
GPCC	Global Precipitation Climatology Centre	SWE	Snow water equivalent
GPCP	Global Precipitation Climatology Project	SYR	Synthesis Report (of the IPCC Fourth Assessment)
HABs	Harmful algal blooms	TAR	Third Assessment Report (of the IPCC)
HIV	Human immunodeficiency virus	TS	Technical Summary
IIASA	International Institute for Applied Systems Analysis	UK	United Kingdom
IPCC	Intergovernmental Panel on Climate Change	UN	United Nations
IPO	Inter-decadal Pacific Oscillation	UNDP	United Nations Development Programme
IUCN	International Union for the Conservation of Nature and Natural Resources (World Conservation Union)	UNFCCC	United Nations Framework Convention on Climate Change
JJA	June, July, August	UNICEF	United Nations Children’s Fund
LIA	Little Ice Age	US\$	United States dollar
LULUCF	Land use, land-use change and forestry	USA	United States of America
MARA/ARMA	Mapping Malaria Risk in Africa/Atlas du Risque de la Malaria en Afrique	WCP	World Climate Programme
MDG	Millennium Development Goal	WGI	Working Group I (of the IPCC)
MOC	Meridional overturning circulation	WGII	Working Group II (of the IPCC)
N ₂ O	Nitrous oxide, see Glossary	WGIII	Working Group III (of the IPCC)
NAM	Northern Annular Mode	WHO	World Health Organization
		WSP	Water safety plan

III.2 Scientific units

SI (Système Internationale) units					
<i>Physical quantity</i>	<i>Name of unit</i>		<i>Symbol</i>		
length	metre		m		
mass	kilogram		kg		
time	second		s		
thermodynamic temperature	kelvin		K		
energy	joule		J		
Fractions and multiples					
<i>Fraction</i>	<i>Prefix</i>	<i>Symbol</i>	<i>Multiple</i>	<i>Prefix</i>	<i>Symbol</i>
10 ⁻¹	deci	d	10	deca	da
10 ⁻²	centi	c	10 ²	hecto	h
10 ⁻³	milli	m	10 ³	kilo	k
10 ⁻⁶	micro	μ	10 ⁶	mega	M
10 ⁻⁹	nano	n	10 ⁹	giga	G
10 ⁻¹²	pico	p	10 ¹²	tera	T
10 ⁻¹⁵	femto	f	10 ¹⁵	peta	P
10 ⁻¹⁸	atto	a	10 ¹⁸	exa	E
Non-SI units, quantities and related abbreviations					
°C	degree Celsius (0°C = 273 K approximately); temperature differences are also given in °C (=K) rather than the more correct form of “Celsius degrees”				
ppm	mixing ratio (as concentration measure of GHGs): parts per million (10 ⁶) by volume				
watt	power or radiant flux; 1 watt = 1 joule / second = 1 kg m ² / s ³				
yr	year				