

List of Acronyms

$\mu\text{g}/\text{m}^3$	microgrammes per cubic metre
ACAP	Agreement on the Conservation of Albatross and Petrels
ACCESS	Applied Centre for Climate and Earth Systems Studies
ACDI	African Climate and Development Initiative
AEL	Atmospheric Emissions License
AEON	African Earth Observation Network
AIDS	Acquired Immune Deficiency Syndrome
AFOLU	Agriculture, Forestry and Other Land Use
AMCEN	African Ministerial Conference on Environment
AMD	Acid Mine Drainage
AQMPs	Air Quality Management Plans
AR4	4 th Assessment Report of the IPCC
AR5	5 th Assessment Report of the IPCC
ARC	Agricultural Research Centre
ASP	Africa Stockpile Programme
BABS	Bio-prospecting, Access and Benefit-Sharing
BBBEE	Broad-Based Black Economic Empowerment
BEE	Black Economic Empowerment
BGIS	Biodiversity-Geographic Information System
BMP	Biodiversity Management Plan
BnM	Basa njengo Magogo
BRICS	Brazil-Russia-India-China-South Africa
BRT	Bus Rapid Transit
BTEX	Benzene, Toluene, Methylbenzene, Xylene
BWI	Biodiversity and Wine Initiative
C_xF_y	perfluoroethane
C_6H_6	Benzene
CAPE	Cape Action Plan for People and the Environment
CARA	Conservation of Agricultural Resources Act
CBD	Convention on Biological Diversity
CBO	Community - Based Organization
CEC	Committee for Environmental Coordination
CERs	Certified Emission Reductions
CF_4	tetrafluoromethane
CFCs	Chlorofluorocarbons
CFLs	Compact Fluorescent Lamps

CH ₄	Methane
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
CMAs	Catchment Management Agencies
CMP	Coastal Management Programme
CMS	Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention)
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalents
COGTA	Department of Cooperative Governance and Traditional Affairs
CoP	Conference of the Parties
CRDP	Comprehensive Rural Development Programme
CREW	Custodians of Rare and Endangered Wildflowers
CRLR	Commission on Restitution and Land Rights
CSIR	Council for Scientific and Industrial Research
CSP	Concentrating Solar Power
CtL	Coal-to-Liquids
DACERD	Department of Agriculture, Conservation, Environment and Rural Development
DAFF	Department of Agriculture, Forestry, and Fisheries
DBSA	Development Bank of Southern Africa
DDT	Dichlorodiphenyltrichloroethane
DEA	Department of Environmental Affairs (formerly DEAT)
DAEA&RD	Department of Agriculture, Environmental Affairs and Rural Development
DEAT	Department of Environmental Affairs and Tourism
DEDET	Department of Economic Development, Environment and Tourism
DMC	Domestic Material Consumption
DME	Department of Minerals and Energy
DMR	Department of Mineral Resources
DNA	Deoxyribonucleic acid
DoE	Department of Energy
DoT	Department of Transport
DPSIR	Driver-Pressure-State-Impact-Response
DRDLR	Department of Rural Development and Land Reform
DSM	Demand Side Management
DST	Department of Science and Technology
DTI	Department of Trade and Industry
DWA	Department of Water Affairs
DWAF	Department of Water Affairs and Forestry (former)
DWS	Department of Water and Sanitation

EAF	Ecosystem Approach to Fisheries
EDC	Endocrine disrupting chemicals
EEA	European Environment Agency
EESMP	eThekweni Environmental Services Management Plan
EEZ	Exclusive Economic Zone
EIA	Environmental Impact Assessment
EIP	Environmental Implementation Plan
EIS	Ecological Importance and Sensitivity
EMF	Environmental Management Framework
EMI	Environmental Management Inspector
EMP	Environmental Management Plan
ESSP	Environmental Sector Skills Plan
eWASA	Electronic Waste Association of South Africa
e-Waste	Electronic waste
EWT	Endangered Wildlife Trust
FAO	The Food and Agriculture Organisation
FBIP	Foundational Biodiversity Information Programme
FBS	Free Basic Services
FEE	Foundation for Environmental Education
FEPA	Freshwater Ecosystem Priority Area
FGD	Flue Gas Desulfurization
FAOLU	Agriculture, Forestry and Other Land Use
FOSAD	Forum of South African Heads of Departments
GCMs	General Circulation Models
GCSSRP	Global Change, Society and Sustainability Research Programme
GDP	Gross Domestic Product
GM	Genetically Modified
GMO	Genetically Modified Organism
GW	Gigawatts
GWh	Gigawatts per hour
GWPs	Global warming potentials
H ₂ SO ₄	Sulphuric acid
HCD	Human Capital Development
HCFC's	Hydrochlorofluorocarbons
HCRW	Healthcare Risk Waste
HDI	Human Development Index
HFCs	Hydrofluorocarbons
Hg	Mercury

HIV	Human Immune Virus
HPA	Highveld Priority Area
IAP	Invasive Alien Plants
IDC	Industrial Development Corporation
IDP	Integrated Development Plan
IPBES	Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services
IPCC	Intergovernmental Panel on Climate Change
IPP	Independent Power Producer
IRP	Integrated Resource Plan
IRT	Integrated Rapid Transport
IUCN	International Union for the Conservation of Nature
IWMPs	Integrated Waste Management Plans
kWh	Kilowatt-hour
KZN	KwaZulu-Natal Province
LPG	Liquid Petroleum Gas
LTMS	Long Term Mitigation Scenarios
LULUCF	Land use, land use change and forestry
MAPS	Mitigation Action Plans and Scenarios
MDGs	Millennium Development Goals
MEC	Member of the Executive Council
MINMEC	Ministers and Executive Committee
MINTECH	Ministerial Technical Committee
MLRA	Marine Living Resources Act (No 18 of 1998)
Mm ³	Million cubic metres
Mn	Manganese
MoU	Memorandum of Understanding
MPA	Marine Protected Area
MPAP	Maputoland-Pondoland-Albany Programme
MRF	Materials Recycling Facility
Mt	Metric tonnes
N ₂ O	Nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAEHMP	National Aquatic Ecosystem Health Monitoring Programme
NAQI	National Air Quality Indicator
NBA	National Biodiversity Assessment
NBSAP	National Biodiversity Strategy and Action Plan
NCCRWP	National Climate Change Response White Paper
NCSD	National Commission on Sustainable Development

NDP	National Development Plan
NEAF	National Environmental Advisory Forum
NEM:BA	National Environmental Management: Biodiversity Act (No 10 of 2004)
NEM:ICM Act	National Environmental Management: Integrated Coastal Management Act (No 24 of 2008)
NEM:PAA	National Environmental Management: Protected Areas Act (No 57 of 2003)
NEM:WA	National Environmental Management: Waste Act (No 59 of 2008)
NEMA	National Environmental Management Act (No 107 of 1998)
NEPAD	New Partnership for African Development
NFEPA	National Freshwater Ecosystem Priority Area
NFSD	The National Framework for Sustainable Development
NGF	National Greening Framework
NGO	Non-governmental Organisation
NiCd	Nickel-cadmium
NiMH	Nickel metal hydride
NMT	Non-Motorized Transport
NNR	National Nuclear Regulator
NO	Nitrogen monoxide
NO ₂	Nitrogen dioxide
NO _x	Nitrous oxides
NPAES	National Protected Area Expansion Strategy
NPC	National Planning Commission
NRF	National Research Foundation
NSBA	National Spatial Biodiversity Assessment
NSSD	National Strategy for Sustainable Development
NSSD M&E	National Strategy for Sustainable Development Monitoring & Evaluation
NWA	National Water Act (No 36 of 1998)
NWIBR	National Waste Information Baseline Report
NWMS	National Waste Management Strategy
O ₃	Ozone
ODS	Ozone depleting substances
OECD	Organisation for Economic Co-operation and Development
OH	Hydroxyl
PAHs	Polycyclic Aromatic Hydrocarbons
Pb	Lead
PBO	public benefit organizations
PCBs	Polychlorinated Biphenyls
PCDDs	Polychlorinated dibenzodioxins
PCDFs	polychlorinated dibenzofurans

PES	Present Ecological State
PGM	Platinum-group metals
PM ₁₀	Particulate matter measuring 10 micrometres or less
PM _{2.5}	Particulate matter measuring 2.5 micrometres or less
POPs	Persistent Organic Pollutants
pph	People Per Hectare
ppm	Parts per million
PSDFs	Provincial Spatial Development Frameworks
R,D&E	Research, Development and Evidence
RCP	Representative Concentration Pathway
RDM	Resource Directed Measures
RDP	Reconstruction and Development Programme
REIPPPP	Renewable Energy Independent Power Producer Procurement Programme – also referred to as REBID
RHP	River Health Programme
RISDP	Regional Indicative Strategic Development Plan
RPMASA	Responsible Packaging Association of Southern Africa
RQOs	Resource Quality Objectives
SA	South Africa
SAAQIS	South African Air Quality Information System
SADC	Southern African Development Community
SAEO	South Africa Environment Outlook
SAEON	South African Environmental Observation Network
SALGA	South African Local Government Association
SAMSA	South African Maritime Safety Authority
SANBI	South African National Biodiversity Institute
SANCOR	South Africa Network for Coastal and Oceanic Research
SANParks	South African National Parks
SANSA	South African National Space Agency
SAPIA	Southern African Plant Invaders Atlas
SARI	South African Renewables Initiative
SARVA	South African Risk and Vulnerability Atlas
SASSI	Southern African Sustainable Seafood Initiative
SAWEF	South African Water, Energy and Food Forum
SAWS	South African Weather Services
SCP	Sustainable Consumption and Production
SDF	Spatial Development Framework
SDI	Spatial Development Initiatives
SDIB	South Durban Industrial Basin

SDM	Source Directed Measures
SEMA	Specific Environmental Management Act
SF ₆	Sulphur hexafluoride
SKEP	Succulent Karoo Ecosystem Programme
SMME	Small, Medium and Micro-sized Enterprises
SO ₂	Sulphur dioxide
SoER	State of the Environment Report
SPLUMB	The Spatial Planning and Land Use Management Bill
SRES	Intergovernmental Panel on Climate Change Special Report on Emission Scenarios
StatsSA	Statistics South Africa
STEP	Subtropical Thicket Ecosystem Programme
SWH	Solar Water Heater
TAC	Total Allowable Catches
TAE	Total Applied Effort
TB	Tuberculosis
TDS	Total Dissolved Solids
TFCA	Transfrontier Conservation Area
TNPA	Transnet National Ports Authority
TRS	Total Reduced Sulphur
TSP	Total Suspended Particulates
UGEP	Utilisable Groundwater Exploitable Potential
UNCCD	United Nations Convention to Combat Desertification
UNCED	United Nations Conference on Environment and Development
UNDP	United Nations Development Programme
UNEP	United Nations Environment Programme
UNFCCC	United Nations Framework Convention on Climate Change
UNIOC	United Nations Intergovernmental Oceanographic Commission
US-EPA	United States Environment Protection Agency
UVB	Ultraviolet B
UVEry	'Sunburning' or erythemally weighted radiation
VOC	Volatile organic compound
VTAPA	Vaal Triangle Airshed Priority Area
WARMS	Water Authorisation and Registration Management System
WEEE	Waste Electrical and Electronic Equipment
WESSA	Wildlife and Environment Society of South Africa
WfW	Working for Water
WHO	World Health Organization
WIOMSA	Western Indian Ocean Marine Science Association

WMA	Water Management Areas
WMOs	Waste Management Officers
WRCS	Water Resource Classification System
WSSD	World Summit on Sustainable Development
WULA	Water Use License Application
WWF	World Wildlife Fund
YLLs	Years of life lost