

# SUMMARY OF INDICATORS

*summary of indicators*

ATMOSPHERE & CLIMATE	
<b>Climate Change</b>	AC01 - Greenhouse gas emissions (carbon dioxide, nitrous oxide & methane) AC02 - Energy use (fossil vs non-fossil fuels) AC03 - Size of the national carbon sink AC04 - Malaria: morbidity and mortality AC05 - Mean annual temperature AC06 - Cost of carbon abatement AC07 - Cost of natural disaster relief AC08 - Energy intensity
<b>Stratospheric Ozone</b>	AC09 - Consumption of ozone depleting substances AC10 - UV-B trends AC11 - Stratospheric ozone level
<b>Air Quality</b>	AC12 - Ambient sulphur dioxide concentration AC13 - Ambient nitrogen dioxide concentration

WASTE MANAGEMENT	
<b>Waste Generation</b>	WM01 - General waste produced per income group per year WM02 - General waste produced per capita per year WM03 - Hazardous waste produced per sector per year
<b>Waste Reduction</b>	WM04 - Waste recycling WM05 - Value of waste recycled WM06 - General waste correctly disposed through landfill WM07 - Hazardous waste correctly disposed WM08 - Available landfill lifespan WM09 - Provincial expenditure on waste management WM10 - Provincial waste collection capacity

HUMAN WELL-BEING	
<b>Human Settlements</b>	HW01 - Green space per settlement HW02 - Contaminated land per settlement HW03 - Housing density HW04 - Urban/rural population HW05 - Proportion of urban area in South Africa
<b>Vulnerability</b>	HW06 - GDP/capita HW07 - Life expectancy HW08 - Adult literacy rate HW09 - Employment rate HW10 - Population growth rate HW11 - HIV/AIDS incidence HW12 - Household energy use HW13 - Access to water HW14 - Access to sanitation

ENVIRONMENTAL MANAGEMENT	
<b>Environmental Management</b>	EM01 - Multilateral environmental agreements EM02 - Budgetary allocation to natural resource management EM03 - Budgetary allocation to environmental education EM04 - Budgetary allocation to environmental research EM05 - Inclusion of IEM into IDPs and SDIs EM06 - Conciliation cases EM07 - Voluntary adoption of environmental management systems EM08 - Voluntary use of environmental accounting and reporting EM09 - Government capacity for environmental management EM10 - Environmental reporting by government departments

INLAND WATER	
<b>Water Quantity</b>	IW01 - Intensity of use of surface water resources IW02 - Intensity of use of ground water resources IW03 - Total surface water used per sector IW04 - Total ground water used per sector IW05 - Total surface water resources per capita IW06 - People dependent on ground water resources IW07 - Surface water affordability
<b>Water Quality</b>	IW08 - Surface water salinity IW09 - Ground water salinity IW10 - Surface water nutrients IW11 - Ground water nutrients IW12 - Surface water microbiology IW13 - Ground water microbiology IW14 - Surface water toxicity
<b>Freshwater Ecosystem Integrity</b>	IW15 - Riparian vegetation IW16 - Aquatic macro-invertebrate composition IW17 - Fish community health IW18 - Aquatic habitat integrity

MARINE, COASTAL & ESTUARINE	
<b>Resource Management</b>	MC01 - Catches and Maximum Sustainable Yield per fishery sector MC02 - Distribution and abundance of resource species MC03 - Catch per unit effort per fishery sector MC04 - Commercial fishing rights supporting SMME development
<b>Resources Quality</b>	MC05 - Estuarine Health Index (State of South African estuaries) MC06 - Pollutant loading entering the seas from land-based sources MC07 - Blue Flag beaches MC08 - Concentration of heavy metals in sediments or biological tissues MC09 - Oil pollution accidents along the coast MC10 - Land cover change in the coastal zone MC11 - Population density change in the coastal zone

BIODIVERSITY & NATURAL HERITAGE	
<b>Species Diversity</b>	BD01 - Threatened and extinct species per taxonomic group BD02 - Endemic species per taxonomic group BD03 - Alien (non-indigenous) species per taxonomic group BD04 - Population trends of selected species BD05 - Distribution and abundance of selected alien species
<b>Habitat Change</b>	BD06 - Extent of conserved areas BD07 - Extent of natural areas remaining BD08 - Disturbance regimes : fire frequency BD09 - Disturbance regimes : flood and drought
<b>Resource Value</b>	BD10 - Contribution to job creation : conservation areas BD11 - Contribution to job creation : eradication of alien species BD12 - Economic contribution of commercially utilised indigenous species BD13 - Economic contribution of commercially utilised freshwater species BD14 - Economic contribution of commercially utilised marine, coastal & estuarine species BD15 - Economic contribution of commercially utilised terrestrial species
<b>Natural Heritage Resources</b>	NH01 - Status of natural heritage resources NH02 - Investment into natural heritage resources NH03 - Visitors to natural heritage resources

LAND USE	
<b>Land Use</b>	LU01 - Land cover LU02 - Land productivity vs potential
<b>Land Condition</b>	LU03 - Desertification LU04 - Soil loss LU05 - Soil acidification LU06 - Soil salinisation LU07 - Land degradation LU08 - Persistent organic pollutants