

## Session 3: INTERNATIONAL/REGIONAL DATA SOURCES FOR ENVIRONMENTAL INDICATORS

Category/Indicator	Indicator Presentation	Unit of Measurement	Latest Year	Organization	Website
<b>AIR</b>					
CO <sub>2</sub> Emissions	Online Database	10 <sup>3</sup> metric tons	2000	Carbon Dioxide Information Analysis Center (CDIAC)	<a href="http://cdiac.esd.ornl.gov/">http://cdiac.esd.ornl.gov/</a> <a href="http://cdiac.ornl.gov/trends/trends.htm">http://cdiac.ornl.gov/trends/trends.htm</a>
Carbon dioxide emissions per capita (MDG)	MDG-Online Database	10 <sup>3</sup> metric tons	2000	United Nations Framework on Climate Change (UNFCCC), United Nations Statistics Division (UNSD)	<a href="http://millenniumindicators.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=28">http://millenniumindicators.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=28</a>
Consumption of Ozone-depleting CFCs (MDG)	MDG-Online Database	ODP tons	2001	United Nations Environment Programme-Ozone Secretariat (UNEP)	<a href="http://millenniumindicators.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=28">http://millenniumindicators.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=28</a>
Global Air Quality Management	Online Database		1999	World Health Organization (WHO)	<a href="http://www.emro.who.int/ceha/cehanet1_database_topics.asp">http://www.emro.who.int/ceha/cehanet1_database_topics.asp</a>
Greenhouse Gas Emissions (CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O)	Greenhouse Gas (GHG) Inventory Submission	Gigagrams (Gg) equivalent of CO <sub>2</sub>	2001-2003	United Nations Framework Convention on Climate Change (UNFCCC)	<a href="http://unfccc.int/national_reports/items/1408.php">http://unfccc.int/national_reports/items/1408.php</a>
Precipitation		km <sup>3</sup> per year		Intergovernmental Panel on Climate Change (IPCC)	<a href="http://ipcc-ddc.cru.uea.ac.uk">http://ipcc-ddc.cru.uea.ac.uk</a>
				Food and Agriculture Organization of the United Nations (FAO)	<a href="http://www.fao.org/ag/agl/aglw/aquastat/dbase/index.stm">http://www.fao.org/ag/agl/aglw/aquastat/dbase/index.stm</a>
				World Meteorological Organization (WMO)	<a href="http://www.worldweather.org/">http://www.worldweather.org/</a>
<b>BIODIVERSITY</b>					
Protected area	MDG Online Database	hectares	2003	United Nations Environment Programme (UNEP)-World Conservation Monitoring Centre (WCMC)	<a href="http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=26">http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=26</a>
Ratio of area protected to maintain biological diversity to surface area (MDG)	MDG Online Database	percentages	1997	United Nations Environment Programme (UNEP)-World Conservation Monitoring Centre (WCMC)	<a href="http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=26">http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=26</a>
Threatened Species	Online Database	number	2003	World Conservation Union (IUCN), Species Survival Commission (SSC)	<a href="http://www.redlist.org">http://www.redlist.org</a>
<b>COASTAL ZONE</b>					
Coast Line	Online Database	kilometres	2000	World Resources Institute (WRI)	<a href="http://earthtrends.wri.org/searchable_db/index.cfm?theme=1&amp;variable_ID=61&amp;action=select_countries">http://earthtrends.wri.org/searchable_db/index.cfm?theme=1&amp;variable_ID=61&amp;action=select_countries</a>
Aquaculture Production	Online Database	metric tons (mt)	2002	Food and Agriculture Organization of the United Nations (FAO)	<a href="http://www.fao.org/fi/statist/fisoft/fishplus.asp">http://www.fao.org/fi/statist/fisoft/fishplus.asp</a>
Fishery Production	Online Database	metric tons (mt)	2002	Food and Agriculture Organization of the United Nations (FAO)	<a href="http://www.fao.org/fi/statist/fisoft/fishplus.asp">http://www.fao.org/fi/statist/fisoft/fishplus.asp</a>
Territorial sea	Online Database	square kilometres	2000	World Resources Institute (WRI)	<a href="http://earthtrends.wri.org/searchable_db/index.cfm?theme=1&amp;variable_ID=56&amp;action=select_countries">http://earthtrends.wri.org/searchable_db/index.cfm?theme=1&amp;variable_ID=56&amp;action=select_countries</a>

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<b>ENERGY AND MINERALS</b>					
Energy Production	Energy Statistics Yearbook	1,000 mt of oil equivalent	2002	United Nations Statistics Division (UNSD), Energy Statistics	<a href="http://unstats.un.org/unsd/energy/default.htm">http://unstats.un.org/unsd/energy/default.htm</a>
Energy consumption	Energy Statistics Yearbook	kilograms per capita	2002	United Nations Statistics Division (UNSD), Energy Statistics	<a href="http://unstats.un.org/unsd/energy/default.htm">http://unstats.un.org/unsd/energy/default.htm</a>
Energy use (kg oil equivalent) per \$1 GDP (PPP) (MDG)	MDG-Online Database	kg oil equivalent per 1\$ GDP (PPP)	2001	International Energy Agency (IEA), The World Bank	<a href="http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=27">http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=27</a>
Proportion of population using solid fuels (MDG)	MDG-Online Database - NO DATA ON THIS TARGET		n/a	World Health Organization (WHO)	<a href="http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=29">http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=29</a>
Mineral Production	Online Database			World Bureau of Metal Statistics	<a href="http://www.world-bureau.com/pages/services.html">http://www.world-bureau.com/pages/services.html</a>
				United Nations Statistics Division (UNSD)	<a href="http://unstats.un.org/unsd/industry/default.htm">http://unstats.un.org/unsd/industry/default.htm</a>
<b>ENVIRONMENTAL HEALTH</b>					
Proportion of population with sustainable access to an improved water source, urban and rural (MDG)	MDG-Online Database		2002	United Nations Children's Fund (UNICEF), World Health Organization (WHO)	<a href="http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=30">http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=30</a>
Proportion of population with access to improved sanitation, urban and rural (MDG)	MDG-Online Database		2002	United Nations Children's Fund (UNICEF), World Health Organization (WHO)	<a href="http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=31">http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=31</a>
Environmentally Related Diseases				World Health Organization (WHO)	<a href="http://www.who.int/en/">http://www.who.int/en/</a>
<b>FORESTS</b>					
Total Forest	Online Global Forest	10 <sup>3</sup> hectares	2000	Food and Agriculture Organization of the United Nations (FAO), Forestry	<a href="http://www.fao.org/forestry/foris/webview/forestry2/index.jsp?siteId=101&amp;siteTreeId=1191&amp;langId=1&amp;qeold=0">http://www.fao.org/forestry/foris/webview/forestry2/index.jsp?siteId=101&amp;siteTreeId=1191&amp;langId=1&amp;qeold=0</a>
Total Change	Resources Assessment 2000,	10 <sup>3</sup> hectares	2000	Department	
Annual Change		10 <sup>3</sup> hectares	2000		
Proportion of land area covered by forest (MDG)	MDG-Online Database	percent	2000	Food and Agriculture Organization of the United Nations (FAO), Forestry Department	<a href="http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=25">http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=25</a>
<b>HUMAN SETTLEMENTS</b>					
Proportion of households with access to secure tenure (MDG)	MDG-Online Database-NO DATA ON THIS TARGET			United Nations-HABITAT	<a href="http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=32">http://unstats.un.org/unsd/mi/mi_indicator_xrxx.asp?ind_code=32</a>
<b>LAND</b>					
Total Area	FAOSTAT Database	10 <sup>3</sup> hectares	2002	Food and Agriculture Organization of the United Nations (FAO)	<a href="http://faostat.fao.org/faostat/collections?subset=agriculture">http://faostat.fao.org/faostat/collections?subset=agriculture</a>
Land Area		10 <sup>3</sup> hectares	2002		
Land Use (Arable, Irrigated, etc)		10 <sup>3</sup> hectares	2002		
Land Use Change			2002		
Fertilizer Use		metric tons (mt)	2002		
Pesticide Use		metric tons (mt)	2001		

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<b>NATURAL DISASTERS</b>					
Natural Disaster	Online Database	Type and number		United States Office of Foreign Disaster Assistance (OFDA), Center for Research on the Epidemiology of Disasters (CRED)	<a href="http://www.em-dat.net/">http://www.em-dat.net/</a>
Total Affected People		Number of people			
Damage		US\$			
<b>WASTE</b>					
Hazardous waste generation	National reports	metric ton	2001	Basel Convention on the Control of Transboundary Movements of Hazardous Waste and their Disposal	<a href="http://www.basel.int/pub/nationreport.html">http://www.basel.int/pub/nationreport.html</a>
Hazardous waste exports and imports	National reports	metric ton	2001	Basel Convention on the Control of Transboundary Movements of Hazardous Waste and their Disposal	<a href="http://www.basel.int/pub/nationreport.html">http://www.basel.int/pub/nationreport.html</a>
<b>WATER</b>					
Internal renewable water resources	Online Database	cubic kilometres / year		Food and Agriculture Organization of the United Nations (FAO)	<a href="http://www.fao.org/aq/aql/aqlw/aquastat/dbase/index.stm">http://www.fao.org/aq/aql/aqlw/aquastat/dbase/index.stm</a>
Total renewable water resources		cubic kilometres / year			