

The Smiling Universe

UNFCCC Article-6 Education, Training and Public Awareness

Pakistan's Response

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Pakistan' Profile

Area	796,000 Sq KM
Population	140.00 million
Population growth rate	1.9%
Literacy rate	56%
Access to sanitation & water	40.9%
1,360 persons per doctor	
GDP	US\$ 70.00 billion
GDP Growth rate	8.4%
Per capita income	US\$ 700



Threats

- **Water resources**
- **Agriculture and Food Security**
- **Biological diversity and ecosystems**
- **Human health**
- **Human settlements, energy and industries**
- **Sea level rise and marine life**



Pakistan's Response

Committee on Climate Change

Prime Minister	Chairman
Minister for Environment	Member
Minister of State for Environment	Member
Minister for Agriculture, Food & Livestock	Member
Minister for Science & Technology	Member
Minister for Water & Power	Member
Deputy Chairman, Planning Commission	Member
Advisor to PM on Global Change	Member



- **Reduction of import duty on CFC & CTC etc free appliances**
- **Introduction of EIA at planning stage**
- **Restrictions on issuance of NOC to development projects without EIA (housing schemes & road construction)**
- **33% reserve seats for women in parliament, provincial assemblies and local councils**
- **Condition of graduation for candidates of parliament, assemblies and condition of minimum metric qualification on candidates for local government**



Legislation & Policy Making

- **Pakistan Environment Protection Act – 1997**
- **National Conservation Strategy – 1992**
- **National Environment Policy – 2005**
- **CDM Operational Strategy – 2005 (Draft)**
- **Forest Policy – 2005**
- **Forestry Sector Master Plan**
- **National Environment Action Plan**
- **National Re-settlement Policy**
- **Biodiversity Action Plan**
- **National Environment Quality Standards**



Institutional Development

Government of Pakistan has established following research institutions/ specialized cells to combat Climate change issues in their respective areas:

- Global Change Impact Study Center (GCISC)
- Climate Change/CDM Cell
- Ozone Cell
- Biodiversity Directorate

Following more cells are proposed to be established by 31 December 2005:

- Desertification Cell
 - Chemicals Cell
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National Conservation Strategy

Government of Pakistan approved National Conservation Strategy in 1992 with following three overriding objectives & fourteen core programs:

- **Objectives**
 - **Conservation of natural resources**
 - **Improved efficiency in the use and management of resources and**
 - **Sustainable development**



Core Programs

- **Maintaining soils in croplands**
- **Increasing irrigation efficiency**
- **Protecting watersheds**
- **Supporting forestry & plantation**
- **Restoring rangelands & improving livestock**
- **Protecting water bodies & sustaining fisheries**
- **Conserving biodiversity**
- **Increasing energy efficiency**
- **Developing & deploying renewable**
- **Abating pollution**
- **Managing urban waste**
- **Supporting institutions for common resources**
- **Integrating population and environment programs**
- **Preserving the cultural heritage**



Resource Centre

Government of Pakistan, Ministry of Environment established a Resource Centre in August, 2004 in the NCS Unit with the objectives:

- To serve as an integrated knowledge repository as well as an e-governance platform for environment in Pakistan accessible to common man, major organizational stakeholders, including government agencies, NGOs, International Organizations, Donors, Academia and Media.**



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- **To identify and compile key information resources-both organizational and individual experts-in the country and set out effective information flow.**
- **To set up a platform for sharing experience and knowledge by all environmental practitioners in the country.**
- **To cover the areas of “Education, Training and Environmental Public Awareness in the light of article 6 of UNFCCC”. Its activities comprise of Capacity Building, Inter-provincial & Inter-organizational coordination, designing & publishing public awareness material, seminars, celebration of local and world environmental events etc.**

Databank

Resource Centre has developed a databank covering the following information:

- **Policy documents**
 - **National Conservation Strategy**
 - **National Environment Policy (2005)**
 - **CDM operational strategy (Draft-2005)**
 - **Pakistan's initial national communication on climate change (2003)**
 - **Forest Policy (2005)**
 - **National Environment Action Plan (NEAP-SP)**
 - **Environment-related PSDP for 2005-06**



- **Pakistan Environment Protection Act (1997)**
- **National Resettlement Policy**
- **Biodiversity Action Plan Pakistan**
- **Pakistan response to objectives of agenda 21**
- **Land (description, classification, diversity & uses)**
- **Water (sources, regional status)**
- **List of environment-related organizations, NGOs**
- **List of environment-related books, journals, documentaries & publications.**

**This databank is available on NCS(RC) website
www.moerc.gov.pk**



Public Awareness

• Workshops

- “Promotion of environmental issues through social mobilization, interpersonal communication and advocacy”, held on September 11, 2004 at Islamabad where 80 participants attended.
- “Inter linkages, synergies and coordination”: case study of Pakistan among Multilateral Environmental Agreements. This was a three months case study followed by a seminar, held on November 29, 2004 at Islamabad, attended 150 participants.
- “Clean Development Mechanism”, held on December 2, 2004 at Islamabad in collaboration with ZTB, attended by 60 participants.



- **“Gender concepts in relation to Environmental Sustainable Development”, held on May 10, 2005 at Islamabad, attended by 150 participants.**
- **Millennium development Goal No 7 “Ensuring Environmental Sustainability”, held on July 19, 2005 at Islamabad, attended by 80 participants.**
- **“Ulema (Religious Scholars) Seminar on climate change”, held on August 13, 2005 at Saidu Sharif, Swat, attended by 350 Ulema.**



Education

- **Water Word Search Card**

Five thousands puzzle cards were published and circulated among primary students for locating/connecting words like water, rain, cycle, drink, save, etc. The objective of the exercise was to inculcate environmental messages and awareness at primary level

- **Play Water Trivia**

An environment quiz was prepared and five thousand copies of single page card were circulated among the middle level students. Eight questions, highlighting different uses of water for knowledge and awareness were incorporated.

- **Cartoon & Board Game Books**

6,000 cartoon & board game books having messages on different subjects have been printed for schools children.



- **Environmental Electronic Learning (EEL)**

This is an online quiz on different environment related issues of common interest and is available on www.moerc.gov.pk

- **Newsletter**

A monthly newsletter “The Smiling Universe” was launched on May 31,2005 for the first time.

- **Cricket Tournament was held from March 14-22, 2005 in collaboration with Hamdard university at Islamabad where 10 teams participated. Media, diplomats and government functionaries attended. The event was inaugurated by federal minister of state for Youth Affairs.**



World Events

- **Earth Day was celebrated on 22 April 2005 in collaboration with NGOs, attended by 200 participants.**
- **World Environment Day was celebrated on 5 June, 2005. The event was attended by 600 participants.**
 - **Documentary on “Solid waste management” was shown.**
 - **Declamation contest amongst 14 selected students from the country was held.**
 - **Sketchbook competition amongst 15,000 students from the country was held.**
 - **Exhibition of environmental stalls at National Library Hall Islamabad was held.**

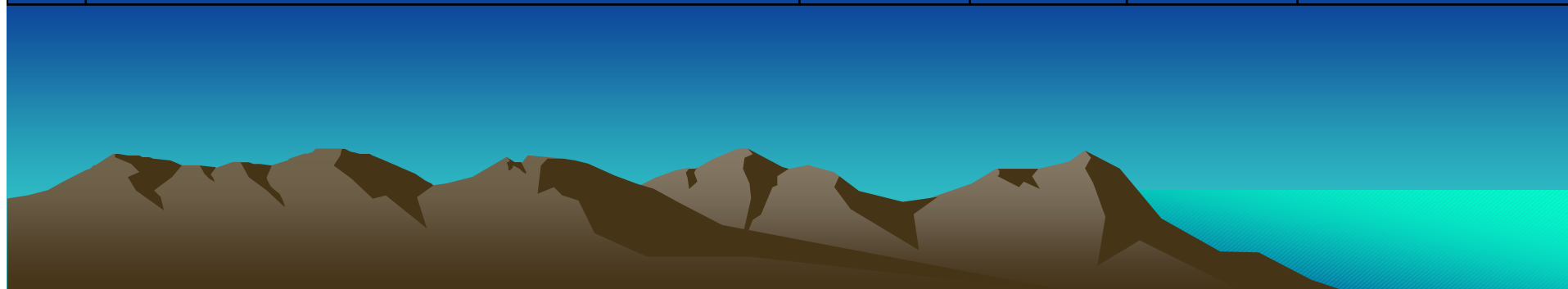


- **Printed 80,000 copies of public awareness material/leaflets on different environmental subjects on World Environment Day 2005 and sent it to all (107) district Nazims, federal ministries, banks, chambers of commerce, stock exchanges, heads of corporations, provincial Environmental Protection Agencies and educational institutions etc.**



PSDP allocation for 2005-2006 (on-going projects)

	Name of Project with total cost	Allocation for 2005-06			Implementing Agency
		Foreign	Local	Total	
1.	National Awareness Campaign on Energy Efficiency and Environment Protection (39.2 million)	0.000	10.000	10.000	ENERCON
2.	Preparation of National Land Use Plan Country wide (33.0)	0.000	7.017	7.017	Environment Wing
3.	Fuel Efficiency in Road Transport (238.1)	15.528	0.942	16.470	ENERCON
4.	Protected Area Management Project (648.6)	9.900	1.000	10.900	Forestry Wing,
5.	Forestry Sector Research and Development Project (193.5)	0.000	35.616	35.616	Forestry Wing
6.	Costal Area Dry land Bio-diversity and Survey Management (39.5)	0.000	12.344	12.344	Forestry Wing,
7.	Hospital Waste Management in Major Cities of Pakistan (4.3)	0.000	2.089	2.089	Development Wing,



15.	Clean Drinking Water for all (6500.0)	0.000	2000.000	2000.000	Pak-EPA
16.	Environmental Rehabilitation & Poverty Reduction through Participatory Watershed Management in Tarbela Reservoir Catchment Area (532.457)	0.000	86.912	86.912	Forestry Wing
17.	Establishment of Project Planning and Monitoring Cell in the Ministry of Environment Islamabad (36.158)	0.000	14.720	14.720	Development Wing,
18.	National Biosafety Centre (39.470)	0.000	9.750	9.750	Pak-EPA
19.	Establishment of Pak-EPA Marine Water Pollution Monitoring Centre at national Institute of Oceanography (37.93)	0.000	24.470	24.470	Pak-EPA
20	Improvement of Urban Environment of Chakwal City Through Amenity Forestry and Landscaping (12.4)	0.000	9.342	9.342	Forestry Wing
21.	Establishment of Model Park for Improvement of Urban Environment and Recreational Facility in Attock City (34.17)	0.000	15.100	15.100	Forestry Wing
22.	Improvement of Urban Environment of Hazro City 24.026)	0.000	18.510	18.510	Forestry Wing

23.	Improvement of Urban Environment/Construction of Parks in PP-11 and 14 Rawalpindi. (39.921)	0.000	9.921	9.921	Forestry Wing
24.	Strengthening of Forest Products Research at Pakistan Forest Institute, Peshawar. (39.250)	0.000	8.766	8.766	Forestry Wing
25.	Activity Based Capacity Development Project (ABCD) (133.400)	0.000	65.000	65.000	Pak-EPA
26.	Establishment National MEA Secretariat and Preparing National Action Plans for MEAS (39.66)	0.000	16.093	16.093	IC Wing,
27.	Conservation & Rehabilitation of Indus Delta Mangroves for Sustainable Management (39.500)	0.000	16.082	16.082	Forestry Wing
28.	Environmental Education in Schools through Roaming Teachers (16.629)	0.000	8.253	8.253	Development Wing,
29.	Planting of Blank areas of Khanewal Irrigated Plantation (44.98)	0.000	6.340	6.340	Forestry Wing
30.	Implementation of Management Plan for Ayubia National park District Abbottabad (72.710)	0.000	22.070	22.070	Forestry Wing
31.	National Conservation Strategy Resource Centre (NCSRC) (18.286)	0.000	7.845	7.845	IC Wing
32.	Rehabilitation of Rangelands of Pothwar Tract of Punjab through Participation of Local Communities (24.802)	0.000	9.743	9.743	Forestry Wing

33.	National Rivers Pollution Control Programme (500.00)	0.000	125.000	125.000	Pak-EPA
34.	National Lakes Protection and conservation Programme (300.00)	0.000	75.000	75.000	Pak-EPA
35.	Forestry and Watershed Project (100.000)	0.000	40.000	40.000	Forestry Wing
	Sub-Total for new Projects	0.000	2588.917	2588.917	
	Grand Total:	75.428	2855.220	2930.648	

