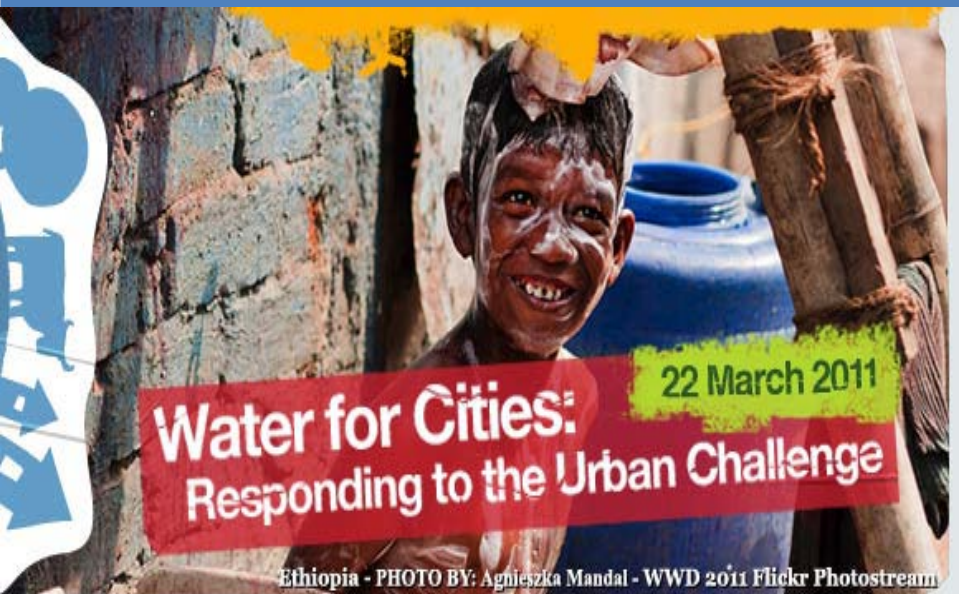




BALUCHISTAN PARTNERSHIPS FOR SUSTAINABLE DEVELOPMENT

# WORLD WATER DAY 2011



Ethiopia - PHOTO BY: Agnieszka Mandal - WWD 2011 Flickr Photostream



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3/28/2011



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## Background

The importance of World Water Day reminds us of the importance of protecting the unique biodiversity around us. We need to take action and protect our ecosystems whilst considering the negative impact our day-to-day activities can have on our surrounding environment; we have to manage our water resources in a sustainable manner. It is not enough to take water from nature for use in agriculture, industry and everyday life without taking into account nature's needs. Animals, plants, forests and wetlands all need clean water. Wastewater must be recycled so that pollution is minimized. Unique areas like estuaries, which play an important part in supporting the delicate and complex food chain of many birds and fish need intervention on our part to protect them for our future. We must learn to respect the resource base on which life ultimately depends, water.

Industry is a major contributor to socio economic development and a large part of its success is derived from the usage of water. Just as they utilize water for manufacture and production, they should be socially responsible for utilizing it in the most efficient manner and to return of the water to our environment in an unpolluted form. We should continue to seek and find alternative ways to utilize energy

Water related issues droughts, floods, erosion and other kinds of pollution should be factored into any integrated approach to water resource management and policy. It is the most vulnerable within our societies that are exposed to and suffer the consequences of these events. As a society, we do need to take ownership and responsibility for the protection and management of our water resources and in line with UN policy, it is believed that the current water wastage within our urban areas can be minimized by promoting water education in schools and communities within the urban context. The broad aim of water education would be to facilitate changes in behavior and personal attitudes among water consumers and to promote better understanding of the environment. To be able to identify the underlying causes of current water related problems in the city, support informed decision making by the community, participate actively in the sustainable management of their environment in a water context and evaluate and propose actions that will achieve effective water related solutions in support of water conservation.

"Water supply does not run dry when it is drawn from the well of human values

Reference: Human values and ethics in the workplace- resource Papers made by UN-Habitat and Global Dharma

## The celebration of World Water Day 2011

The World Water Day 2011 is to focus international attention on the impact of rapid urban population growth, industrialization and uncertainties caused by climate change, conflicts and natural disasters on urban water systems. The Water is a basic requirement for all life, yet water resources are facing increasing demands from, and competition among, users. In 1992, the UN General Assembly designated 22 March of each year as the World Day for Water.

## The theme of WWD -2011

This year, UN-Water chose the theme *Water and Urbanization* under the slogan ***Water for Cities: Responding to the Urban Challenge***. The objective of WWD 2011 is to focus international attention on the impact of rapid urban population growth, industrialization and uncertainties caused by governments, organizations, communities, and individuals around the world to actively engage in addressing urban water management challenges.

This is the first time in human history that most of the world's populations live in cities: 3.3 billion people and the urban landscape continue to grow. 38% of the growth is represented by expanding slums, while the city populations are increasing faster than city infrastructure can adapt.

Since mid-1990s, IUCN, the international Union for conservation of Nature, with financial assistance of the Embassy of Kingdom of Netherlands (EKN), has been striving for the building the capacity of government and civil society in Balochistan to address the complex environmental issues being faced by the province. As the Province is best with a wide range of problems. Rapid urbanization due to rural populations seeking better socio-economic opportunities and access to facilities and amenities has resulted the urban sprawls like Quetta being confronted by huge population growth with the related challenges and problems. This has caused increased depletion of natural and other resources. The number of people falling below the poverty line is constantly growing.

IUCN, realizing to improve the overall environment outlook of province has launched six-year program with the name of Balochistan Partnerships for Sustainable Development (BPSD) which is being implementing in six districts of Balochistan. With the overall goal of sustainable ecological and human well-being in Balochistan, the objectives of BPSD include:

- Promote sound environmental governance at the district level through visioning, planning and implementation.
- Facilitate intergraded water, coastal and marine resource management
- Enhance capacity of relevant stakeholders to support sustainable development in Balochistan.

Considering the program objectives specifically advocacy on Water related issues and the theme of this year "*Water for Cities: Responding to the Urban Challenge*" BPSD worked out a plan for celebration of WWD 2011 and in this regard convened a meeting with stakeholders including Govt. institutes and civil society organizations with the purpose to seek their opinion and views for contribution in celebrating the day. Thus a meeting was held at PMU Quetta office on 19<sup>th</sup> March, 2011 and a detailed program was planned and it was decided that a one-day seminar will be held at Quetta by involving general masses specially the youth.

### **Objectives of Seminar**

The objective of WWD 2011 is to sensitize and aware the general masses and interact with stakeholders for possible solutions on Water issues pertaining to urban centers of Balochistan, specially Quetta and to focus international attention on the impacts of rapid urban population growth caused by climate change, natural disasters and immense pressure on urban water systems.

### **Proceeding of the Seminar**

International Union for Conservation of Nature with the collaboration of Environmental Protection Agency Government of Balochistan celebrated the world water day 2011 on 22nd March and a seminar was organized at conference hall of Boys Scouts Association Quetta. The seminar was attended by a large number of students, faculty members of Balochistan University, S.K. B Women University, government officials, representatives' civil society organizations, religious leaders and community members.

The proceedings started with the recitation of Holy Quran by Mr. Syed Qasim Shah Student of Botany Department University of Balochistan. Mr. Mehboob Ali, Environmental Governance Officer BPSD IUCN Balochistan warmly welcomed the Chief Guest, Honorary Guest and all participants from Universities, Government Institutes and Civil Society Organizations.

Thereafter, Mr. Sardar Muhammad Tariq Regional Chairperson of Global Water Partnership South Asia (Chief Guest), Dr. Pervaiz Amir Chairperson of Prime Minister's Task Force on Climate Change, Mulana Fazal-ur-Rehman Khateeb Tajveed-ul-Quran Madrassa Sirki road Quetta and Mr. Zabardast Khan Bangash BPSD Manager IUCN Balochistan were invited to the stage. Mr. Mehboob Ali Baloch, Environmental Governance

Officer, BPSD IUCN invited Mr. Zabardast Khan Bangash Program Manager IUCN Balochistan for opening remarks as well as Introduction of IUCN and BPSD Program.

## Welcome address by Program Manager BPSD

Mr. Zabardast Khan Bangash Manager IUCN Balochistan welcomed the participants, and gave brief introduction of IUCN as well as the BPSD program with on-going activities in Balochistan. He highlighted the importance of celebrating the WWD and stated that Water is a basic requirement for our life, yet water resources are facing increasing demand and competition among users. In 1992, the UN General Assembly designated 22 March of each year as the World Day.



**Mr. Zabardast Khan Bangash during introduction**

The people of Balochistan have been always dependent on natural water sources such as springs, streams, rivers and karezes. Among those, the karezes are the most sustainable and ancient water management systems, other sources are seasonal and depend on climatic conditions.

He explicated that Quetta city is facing many problems related to water. Government has approved only 120 tube wells for Quetta city but unfortunately more than 1400 tube wells were installed by the dweller without following the rules & regulation and any prior approval by Government authority. He stressed on the significance of Water Storage and said that every year about 12 million acre of rainwater goes into the sea and we can't manage and utilized it properly. He pointed out that if this practice of mismanagement continues there would be threats of non-availability of water for human consumption as well as agriculture and livestock. With the passage of time, water resources are being over-exploited, especially in urban areas, and groundwater levels are sinking. The Government is not taking this issue seriously and there is no future planning. Keeping in view the population of Quetta as it is increasing day-by-day; coupled with various problems like sanitation, drainage, scarcity of drinking water to the dwellers. He advised the youth that from now they have additional responsibilities regarding the issues of water and they should highlight this issue at every forum and try to solve this. He also emphasized on promoting the recycling and re-use of waste-water. The provincial authorities must pay immediate and special attention to careful and efficient use of available resources.

## Speech by honorary Guest Dr. Parvez Amir

Dr. Pervaiz Amir gave a global overview of Climate change. He explained thoroughly about the importance of water in our daily life. He presented numerous cases of climate change, like first time in the history Lahore has snow fall. Till 2050 it is also predicted that normal temperature will increase 4 to 5 degrees.



**Dr. Pervaiz Amir during speech**

Pakistan is a developing country and agriculture is its backbone. If the temperature increases with this magnitude, at the end of century the cultivation of wheat and rice will become less and livestock will also suffer immensely. Due to improper utilization of water storage, we are facing mismanagement of water, if we can manage our water resources and population does not increase with such pace, there will be no need of migrations from rural areas to the cities. He expressed that according to economic research, deprived people are paying extra for water as compared to the rich. He commented that water quality of Balochistan is much better than mineral water of many brands. He stressed that we need to change our life style, otherwise the future wars will be fought over water.

## Presentation BY Mr. Zahoor Ahmed Bazai (Director training University of Balochistan)

Director Training University of Balochistan Mr. Zahoor Ahmed Bazai made a detailed presentation on footprint of Water and Virtual Water and provided a statistical data of water utilization at the global level. He also tried to highlight the potential future issues coming out from water scarcity and quality and its social implications.



**Mr. Zahoor Ahmed Bazai during his  
presentation**

## Women and water (a documentary by IUCN of Gunz village District Gawadar)



This was followed by a documentary on women and water prepared by BPSD. The abstract of the documentary focused the water and the role of women in conservation and livelihood improvements. The documentary presented the main problem in the coastal village of Gunz where there was no proper source for drinking water in the village and nearby area. The previously existed water supply scheme was badly affected and the water pipe lines broken and washed away by floods and the sand filters were filled with silt. The villagers (mostly women) were compelled to bring water from the pond which was an uphill walk of about 1.8 kilometres.

IUCN replaced the old rusted pipes with 720 feet long GI pipe line from underground reservoir to the existing distribution network, repair of old pipe network which was of 2580 feet, cleaning of underground reservoir from stones, boulders, scarped 3 inches mud layer from the sand filters, refilling of fresh sand in the filtration tanks as filter and also replaced 24 main sluice valves. This provided clean drinking water to the Gunz community at their door steps after a period of 11 years. Since then the residents especially women admired the work of IUCN and their opinion was that they also have ample time for household chores like embroidery, animal rearing and poultry farming, whereas the men commented that they have more time for fishing.

## Speech by Maulana Fazal-ur-Rehman, Khateeb Madrassa Tajveed-ul-Quran

Maulana Fazal-ur-Rehman, Khateeb Madrassa Tajveed-ul-Quran delivered his speech in the seminar on water and its importance in Islam, He shared the verses of Holy Quran and the ideology of Islam in conservation and utilization of water and emphasized that we should not dis-balance the natural resources like water and must use it as per the carrying capacity.



**Maulana Fazal-ur-Rehman during**

## Key Note Speech by Chief Guest Mr. Sardar Tariq

The chief guest of the event Mr. Sardar Mohammad Tariq (Regional Chairperson Global water Partnerships South Asia) made a speech on occasion. He said that water is combination of two



**Mr. Sardar Tariq during speech**

gases i.e. Hydrogen and Oxygen and its chemical formula is also very easy to remember as everybody is aware of it but scientists have not been able to manufacture water. Our nation's major problem is that we are irresponsible because we are over-exploiting the resources and not leaving anything for our new generations.

According to a research, there is no such thing as less water in Pakistan; it is actually the mis-management of water as in the last 62 years one thousand & three hundred billion cubic meters of water have been wasted during the year. Due to lack of awareness on water usage and capacity it is impossible for us to find the exact problem. Only thirty billion litres of drinking water is sufficient for us. In every monsoon season we have lot of water but there is no proper storage available. The storage system we have is only capable to store water for 30 days. In other countries like Egypt water storage capacity is for 1000 days and Australia has for 500 days. Basin water is going down; if management of water is not properly organized we will leave nothing for the next generation.

Islam also taught us about the management of water. It is our responsibility to save water with ample quantity & quality for our next Generation. He advised students to convey the water message to parents and friends.



### Question & Answer session:

In the last of the even a Question & Answer session was held and participants, specially students asked various questions regarding scarcity, availability, conservation and , distribution system of water, enforcement and implementation of rules and regulation and also involvement of political leaders in overall management of water resources. The guests replied to the question raised by participants. At the end Mehboob Ali Environmental Governance Officer thanked to participants for their active participation and making the event successful.





**Annex A- Detailed Program**  
**Seminar – World Water Day-2011**

**Water for Cities-Responding to the Urban Challenge**

Time	Agenda	Speaker/Facilitator
03:30-04:00	Registration	BPSD Team
04:00-04:05	Recitation of Holy Quran	Syed Qasim Shah- Student UoB
04:00-04:45	Welcome, objectives of the workshop and participants' introduction	Mr. Zabardast Khan Bangash Manager IUCN Balochistan
04:50-05:30	Water Foot Prints & Virtual Water	Mr. Zahoor Ahmed Bazai Director Trainings- UoB
05:30 - 05:45	Documentary on women & water of village GUNZ district Gawadar	IUCN Balochistan
05:45 – 06:15	Dr. Pervaiz Amir	Chairperson Task Force on Climate Change Pakistan
06:15-06:30	Mulana Fazal-ur-Rehman	KhateebTajveed-ul-Quran Madrassa Sirki road Quetta
06:30-06:45	Mr. Sardar Mohammad Tariq	Regional Chair Global Water Partnership South Asia
06:45-7:00	Question & Answer session	Seminar Participants
07:00-07:05	Vote of Thanks	Mr. Mehboob Ali Environmental Governance Officer BPSD
<b>07:05 – 07:15</b>	<b>Refreshment</b>	



### Annex B- List of Participants of Seminar WWD 22<sup>nd</sup> March 2011

S.no	Name	Designation	Department/Organization
1.	Mr. Sadiq Dummar	Student of Botany Department	University of Balochistan(UOB)
2.	Mr. Abdul Qadeem Tareen	Gender Studies Department	University of Balochistan(UOB)
3.	Ms. Alia Shah	Coordinator	Youth Organization
4.	Ms. Zakia Hameed	Coordinator	Youth Organization
5.	Mr. Nawan Khan	Student	University of Balochistan
6.	Ms. Parveen	Program officer	SPD- CBO
7.	Ms. Mehnaz	Manager	SPD- CBO
8.	Ms. Rabia Zafar	Lecturer	Sarder Bahadur Khan Women University
9.	Mr. Jalaludin	Bio-Chemistry student	University of Balochistan
10.	Mr. Hafeezullah Jan	Gender studies Department	University of Balochistan
11.	Mr. Javed Akhtar	GSD	University of Balochistan
12.	Mr. Hafeezullah	Student of Bio Chemistry	University of Balochistan
13.	Ms. Mehnaz Mengal	Student of Bio Chemistry	University of Balochistan
14.	Ms. Marine panezai	Student of Bio Chemistry	University of Balochistan
15.	Ms. Saima	Student of Bio Chemistry	University of Balochistan
16.	Ms. Farida Bangulzai	Vice Chairman	BSD
17.	Mr. Arif Bangulzai	CEO	BSD
18.	Mr. Zahoor Bazai	FTDC	University of Balochistan
19.	Mr. Hafiz Dad Rahim	Assistant	Agriculture Department
20.	Mr. Saif-ur-Rehman	Camera Man	SAMA- TV
21.	Mr. Muhammad Aziz	Program officer	Sound Organization
22.	Mr. Naseebullah	Program officer	Sound Organization

23	Mr. Syed Muzaffar Ali	Researcher	PCSIR
24	Mr. Khalid Ahmad	Researcher	PCSIR
25	Mr. Shamsheer Khan Kakar	Reporter	DPR
26	Mr. Arsalan Ahmad	Science & Zoology department	University of Balochistan
27	Mr. Muhammad Baqir	Microbiology	University of Balochistan
28	Mr. Abdul Rashid	Assistant	Environmental Protection Agency
29	Mr. Zohaib Ibrahim	Student Bio Chemistry	University of Balochistan
30	Mr. Javed Khan	Student Bio Chemistry	University of Balochistan
31	Mr. Muhammad Sadiq Nasir	Botany	University of Balochistan
32	Mr. Nadir Khan	Student Zoology Department	University of Balochistan
33	Mr. Dur Muhammad Tareen	Student Botany Department	University of Balochistan
34	Mr. Abdul ghani Jomezai	Student of Botany Department	University of Balochistan
35	Mr. Arsalan Ahmad	Student of Botany department	University of Balochistan
36	Mr. Sayyed Qasim Shah	Student of Botany department	University of Balochistan
37	Mr. Najeebullah	Student of Botany	University of Balochistan
38	Mr. Abdul Qadeem tareen	GSD	University of Balochistan(UOB)
39	Ms. Aysha	Environmental Science Department	Sarder Bahadur Khan Women University
40	Ms. Fozia	Environmental Science Department	Sarder Bahadur Khan Women University
41	Ms. Hina	Environmental Science Department	Sarder Bahadur Khan Women University
42	Ms. Sadaf	Environmental Science Department	Sarder Bahadur Khan Women University
43	Ms. Meena	Environmental Science Department	Sarder Bahadur Khan Women University
44	Ms. Saima	Environmental Science Department	Sarder Bahadur Khan Women University
45	Ms. Samreen	Environmental Science Department	Sarder Bahadur Khan Women University
46	Ms. Saira	Environmental Science Department	Sarder Bahadur Khan Women University
47	Ms. Rabia	Environmental Science Department	Sarder Bahadur Khan Women University
48	Ms. Sania	Environmental Science Department	Sarder Bahadur Khan Women University
49	Ms. Umber	Environmental Science	Sarder Bahadur Khan Women

		Department	University
50	Mr. Abdul Khalil Hayder	Coordinator	Rakhshan Society
51	Mr. Abdul Nasir	Program Officer	Youth Educational Society
52	Mr. Ismail	Finance secretary	Youth Educational Society
53	Mr. Younas	Program Officer	Youth Educational Society
54	Mr. Jahanzaib	Program Officer	Youth Educational Society
55	Mr. Muhammad Noor	Assistant	Youth Educational Society
56	Mr. Muhammad Abdul Batur	Deputy Director Coordination	EPA Balochistan
57	Mr. Hameed Jamali	Director programs	BEEJ
58	Mr. Sayed Qurban Gharsheen	Executive Director	BEEJ
59	Mr. Sajid Nabi	Student	University of Balochistan (UOB)
60	Mr. Wajid Ali Baloch	Student	University of Balochistan (UOB)
61	Mr. Nawab Khan	Faculty	University of Balochistan (UOB)
62	Dr. M. Saleem Baloch	Director	EPA Balochistan
63	Mr .Zar Khan Baloch	Reporter	Vash news
64	Mr .Abdul Rasheed	Bureau Chief	Vash News
65	Mr. Saleem shahid	Reporter	DAWN-News
66	Mr. Abdul Shakoor	Reporter	DPR
67	Mulana Fazal-ur-Rehman	Khateeb	Madrasa Tajveed-ul-Quran Sirki Road Quetta
68	Mr. Sardar Muhammad Tariq	Regional Chairperson	Global Water Partnership South Asia
69	Dr. Pervaiz Amir	Chairperson	Task force inter-governmental Panel on Climate Change
70	Mr. Zabardast Khan Bangash	Program Manager BPSD	IUCN
71	Mr .Irfan Bakhtiari	IWRM Coordinator	IUCN
72	Mr. Mehboob Ali	Environmental Governance Officer	IUCN
73	Ms. Abida Munir	Planning, Monitoring & Evaluation Officer	IUCN
74	Ms .Musarat Khan	HR Focal Person	IUCN
75	Ms. Shakeela Naveed	Communication & ESD Officer	IUCN

76	Ms. Shumsa Hashmi	Receptionist	IUCN
77	Ms. Mehnaz Hafeez	IT consultant	IUCN
78	Mr. Kashif Usman	Finance Officer	IUCN
79	Mr. Zahid Hussain	Admin Officer	IUCN
80	Mr. Abdullah	Admin & Finance Assistant	IUCN
81	Mr. Khalil Khan	Officer Juniper Project	IUCN