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Point for discussion this month Integrated Lake Basin Management

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Eternal Words

Jack A. Statford in the Chapter Landscapes and Catchment Basin of Methods of Stream Ecology –

For a stream ecologist, a landscape view of a catchment (river) basin encompasses the entire stream network, including interconnection with groundwater flow pathways, embedded in its terrestrial setting and flowing from the highest elevation in the catchment to the point of confluence with another catchment system or with the ocean....

The landscape at any point within the stream network is four-dimensional...longitudinal (upstream to downstream), lateral (river channel into terrestrial), vertical (in the river channel) and all of the physical dimensions change size over time as floods and droughts alter hydrology, sediment transport, and distribution of vegetation and other biota.

Dear Readers,

We the members of SERI and supported organisations are committed to work for the sustainable management of finite water resources not only for national water resources but also for world's lakes and rivers whenever get the opportunity keeping in mind that if the wastes in the water are converted into resources then it will contribute in its own way to control the climate change phenomenon.

Sandeep Joshi, Ecotechnologist received invitation from Chinese Society of Environmental Sciences (CSES) to present his work in the 13th World Lake Conference at Wuhan, China organised in association with International Lake Environment Committee (ILEC), Japan. He received another invitation from UNEP's IETC and ILEC to present a paper on ecotechnology in specially conducted parallel session on Integrated Lake Basin Management (ILBM). The cover photo is of Wuhan's East Lake. We will be shortly publishing a special issue on glimpses of Wuhan's 13th World Lake Conference.

Sandeep Joshi, received invitations from CPCB and Planning Commission also in Sept. 2009. He assured Dr. K. Kasturirangan, Member (Environment), Planning Commission, Government of India that SERI would work with pure H₂O (Head - intelligence, Heart - emotions and Orientation - actions with patriotism) for the national water bodies.

Indian Government is seriously considering the restoration of polluted rivers and lakes and it is evident by the formation of Ganga River Basin Authority and publishing the discussion paper on National Environment Protection Authority.

Dr. Nakamura and Dr. M. S. Kodarkar of ILEC were present for international conference on Integrated Lake Basin Management (ILBM) at Udaipur in Aug. 2009. In that programme, the members in Udaipur requested Sandeep Joshi to help them in restoring the polluted water bodies. As a committed organisation SERI vows to work for them.

Thank you,
Chief Editor

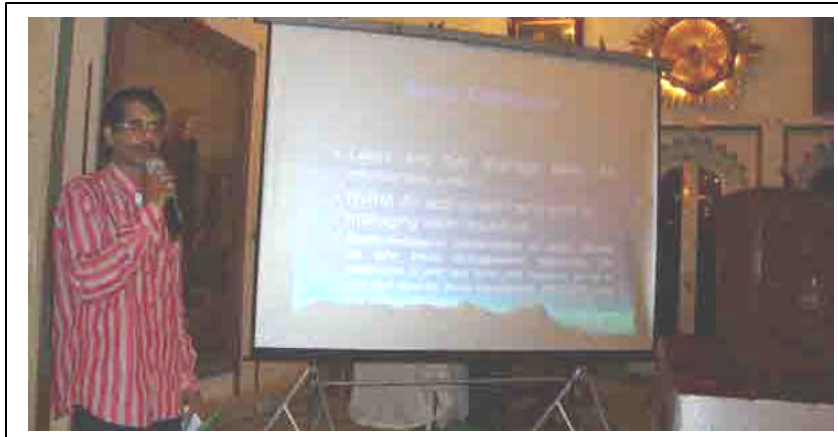
From SERI's Desk

Glimpses of Udaipur Conference

An international conference on Integrated Lake Basin Management was organised by Jheel Sarankshan Samiti with support from International Lake Environment Committee on 11th/12th Aug. 2009 at Udaipur. Shreeji Arwind Singhji of Maharana Mewar Charitable Foundation (MMCF) inaugurated the conference in the beautiful grand Darbar Hall of The City Palace Complex.



Dr. Nakamura, Chairman of Scientific Committee of International Lake Environment Committee looked on when Shreeji Arwind Singhji addressed the august gathering to ponder on restoration of lakes of the number tourist destination of the world - the lake city - Udaipur.



Excellent engineering presentation on water flows in lakes and streams was made by Er. Anil Mehta, member of Jheel Sarankshan Samiti, Udaipur. Jheel Sarankashan Samiti under the guidance of eminent personalities of Udaipur is working towards protection of lakes.



Dr. Tej Rajdan, devoted member of Jheel Sarankshan Samiti explains the status of degradation of Fatehsagar Lake to Dr. Nakamura. This lake has beautiful Nehru Park at the centre of water body.



Dr. Nakamura, Chairman and Dr. Mohan Kodarkar, Member, ILEC were welcomed by noted industrialist of Udaipur Shri. Arvind Singhal (extreme right). Sandeep Joshi, Ecotechnologist of SERI was also present.



A white shock was given to visitors when they visited a marble slurry disposal site. It's a white river draining into Roopsagar Lake which is a drinking water source in Udaipur.

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SERI's Ecotechnologist presented technology in CPCB and Planning Commission, Government of India, Sept. 2009

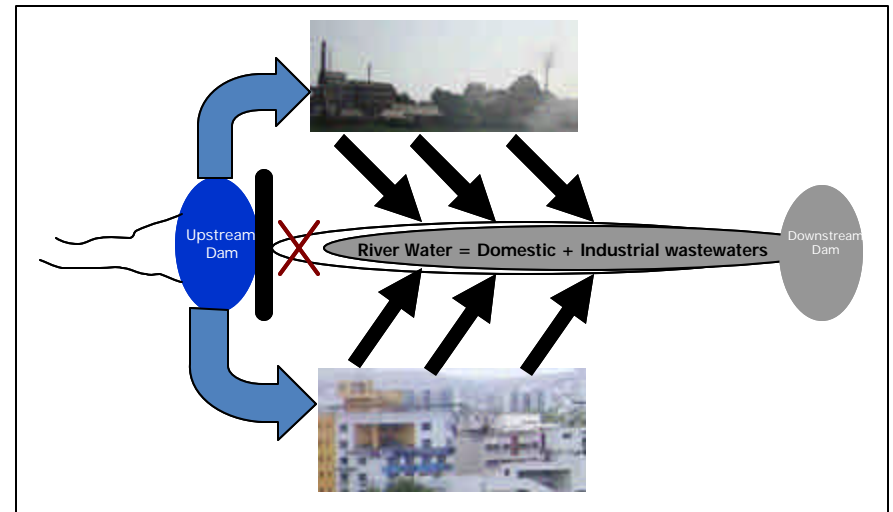


Sandeep Joshi, Ecotechnologist of SERI, Pune (extreme right) was invited by Dr. Gautam, Chairman of Central Pollution Control Board to present technologies of ecological restoration of polluted urban streams and lakes in Planning Commission. Dr. K. Kasturirangan, Member (Environment) of Planning Commission presided over the meeting.



He talked about the application of ecological engineering and ecotechnology for the treatment of rivers and lakes. He suggested use of combination of plants and bacteria to control the water pollution before it reaches the water bodies. He presented various the field scale applications and outcomes vertical and horizontal ecofiltration techniques such as soil scape filter, green bridge filter, Hydrasch Succession Pond, Stream Ecosystem, Green Lake and Green Channel systems.

Initially, he explained the present status of treatment of city wastewaters and draining them into the rivers and lakes with a simple illustration as given below –



The concern about the pollution of water resources was lucidly expressed by Dr. Gautam, Chairman of Central Pollution Control Board. Dr. K. Kasturirangan, Member (Environment), Planning Commission, Government of India had final word about the strategy to tackle the issue of city wastes and polluted water bodies.

SERI vows to continue its mission of sustainable management of finite water resources using indigenous zero electricity technologies for Indian water resources.

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