



**ODISHA
ENVIRONMENT
CONGRESS
2017**

**ENVIRONMENT:
SUSTAINABLE RIVER BASIN MANAGEMENT**

*A Proposal
Submitted by:*

Human Development Foundation-Centre for Development
Action and Research (HDF-cDAR)
(On behalf of OEC Organizing Committee)

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ODISHA ENVIRONMENT CONGRESS (OEC) 2017

(20th-22nd December 2017)

Theme

ENVIRONMENT AND SUSTAINABLE RIVER BASIN MANAGEMENT

Background of OEC:

Started in the year 2010, Odisha Environment Congress (OEC) will hold its 8th edition during December 2017. As an annual scientific and civil society event on environment, it has been providing a unique opportunity to academicians, researchers, scientists, planners, policy makers, students and practitioners, community members and civil society organizations of the State and outside for learning, interaction and dissemination of knowledge on different themes around environment. It also provides scope for publication and presentation on theme specific research based articles in the proceedings which is released during the main event. The themes of last 7 years were “**Environment & Water Resources**” in 2010, “**Environment & Forest**” in 2011, “**Environment & Energy**” in 2012, “**Environment & Agriculture**” in 2013, “**Environment & Climate Change**” in 2014, “**Environment: Health and Nutrition**” in 2015 and “**Environment: Water, Sanitation and Hygiene (WASH)**” in the year 2016. The theme of OEC for the year 2017 is “**Environment and Sustainable River Basin Management**”.

In last seven years, many scientists/researchers/experts of National repute from Odisha as well as Ministers and officials from the Central & State Govt. had attended this mega event. Apart from 3 days long conference and paper presentations on the given theme, there have been other activities which include various competitions among school and college students, exhibitions, regional workshops, Young Scientist Awards, Green Corporate Award, Green Ambassador Award, Children’s Environment Congress etc. By successfully organizing the Annual Event over the years and by involving Citizens from diverse fields ,Odisha Environment as a unique and important platform for the cause of protection and conservation of environment in the state of Odisha.

Theme for OEC-2017: Environment and Sustainable River Basin Management

The increasing threat to the health of the rivers across the country including Odisha demands a comprehensive and holistic approach of river basin management. With onset of climate change coupled with increasing demand for water, the need for sustainable river basin management has acquired an urgency which was perhaps not felt earlier. With development of societies, water resources within a given river basins, get increasingly controlled, diverted, and used. Water users and stakeholders find themselves increasingly inter-dependent through the water cycle and conflict situations due to water stress. It is pervasive. Alterations of the water regime in terms of quantity, quality, sediment load,

timing, or predictability have been posing new challenges for the users, allocation of water among competing uses becomes a crucial issue.

There is pressing need for addressing the issues of river basin management and the articulation between physical constraints and management issues of river water. The governance of water as an overarching theme that deals with the pattern of control and access to water, and with how this pattern is defined, contested, and constantly reshaped need to be discussed, deliberated and workable solutions need to be evolved. The complexity of basin management needs to be understood from a scientific and rational perspective. Water needs to be managed as a common pool of community resource held by the state, under public trust doctrine to achieve food security, support livelihood, and ensure equitable and sustainable development for all.

In the above background Odisha Environment Congress has decided to organise it's 8th edition on the theme, "Environment and Sustainable River Basin Management". The envisaged objective of this year's OEC is to bring together academicians, activists, policy makers, industry, media houses and all other stakeholders to discuss, debate and deliberate on issues and challenges of Sustainable River Basin Management and come up with implementable solutions to achieve the goal of equitable and sustainable use of river water. The issues pertaining to the theme need to be taken to larger public domain, specifically to the young masses, and hence OEC 2017 has planned various other activities apart from inviting paper presentations by experts/scientists/researchers on topics related to focal theme - "Environment and Sustainable River Basin Management" with specific relevance to Odisha.

Objectives of OEC 2017:

- To provide a platform for interaction among the researchers, policy makers, leading experts, social activists in the field of River Basin Management, so that they come up with innovative and creative ideas to address key challenges in achieving the desired result for the same.
- To enhance the networking between various research organizations, Government and Non Government Organizations working in the field of River Basin Management.
- To generate specific knowledge base on protecting environment through River Basin Management interventions.
- To generate awareness on River and River Basin Management among the masses & specifically young people.
- To offer an open forum for community members to interact with scientific community.

Sub Themes of OEC 2017:

Papers and research based articles are invited on the following sub-themes-

1. River Water sharing: Conflict and Co-operation
2. Allocation of River Water among different users, Prioritization and efficient use.
3. River Health: E-Flow and Catchment
4. Inter-Basin Transfer of River Water/River Linkage
5. Management Structure for River Basins
6. Policy Advocacy related to River Basins-

Key Activities:

Round Table on Convergence and Partnership: There will be round tables involving key Government Departments, Development Agencies, Civil Societies and Corporates pertaining to **specific issues of River Basin Management and policy framework**. These round tables will aim at forging convergence and partnership between key stakeholders on specific issues of Sustainable River Basin Management and to prepare a road map for the State in line with the globally agreed Sustainable River Basin Management Models.

Release of Proceedings and Paper Presentations

Proceedings of Odisha Environment Congress 2017 will be prepared and released by the Chief Guest on the 1st day of inauguration during the main event of OEC on 20th December 2017. The proceeding will contain Keynote address, invited papers from experts and papers from young researchers, practitioners and informative article/case studies etc. The selected articles by the contributors will be requested to present papers during the OEC.

AWARDS and REWARDS:

i) Young Scientists Award:

Papers from young researchers (age 35 and below) will be considered for inclusion in the Young Scientist Award session. In case of multiple authorships, the first author will be considered for the award and he/she shall present the paper. Interested author (s) shall also have to give undertaking that the work has not been presented elsewhere or has not been submitted for publication/award. The Young Scientist Award will consist of cash prize, memento and certificate of excellence.

ii) Water Warrior Award:

Nominations from credible NGOs/Civil society members, academicians, experts, activists etc with remarkable contribution in the area of **Sustainable River Basin Management/ Water Management** will be sought for consideration for the Water Warrior Award for the year

2017. The nomination will be scrutinized by a jury for decision regarding awardees. The winners will be awarded with certificate memento, crown and cash prize.

iii) S B Mishra Green Corporate Award:

Nominations from Corporate Bodies or Foundations of Corporate Bodies having visible contribution in the area of **Sustainable River Basin Management** will be sought for consideration for the **S B Mishra Green Corporate Award** for the year 2017. The nomination will be scrutinized by a jury for decision regarding awardees. The winners will be provided with certificate, memento and crown as a token of recognition.

iv) Display of Models and Exhibitions: Industries, NGOs and CBOs, will be encouraged to display their key outputs of innovative projects/models on Water Management and River Basin Management. The students and researchers will be requested to put up posters in the exhibitions on focal themes. This will be organised during 3 days Environment Congress at state level.

Pre-OEC Activities:

There will be series of pre-Congress activities mentioned as below:

i) Awareness Building Among Students- State, District and Block level competitions like essay, Debate, Painting, story writing etc. among School/College students will be organised with an objective to sensitize them on **Rivers and Sustainable River Basin Management**.

ii) Workshops on River Basins(11)- There are 11 major river basins in Odisha and a draft status report of all these river basins has been prepared. There is a plan to present these reports before the stakeholders in the workshop to be held at 11 river basins. The feedback from the stakeholders will be elicited during the workshop and the final Status Report on Odisha River Basins will be prepared and released during the OEC 2017.

iii) Children's Environment Congress: Like previous years, Specific activities will be planned among School and College students across the State which will culminate in Two Days Children's Environment Congress on 21st & 22nd of December 2017 at Xavier University, Bhubaneswar (XUB) campus at Nijigada, Kurki, Harirajpur, Puri. All the winners in district level competitions will be invited to this Children's Environment Congress.

Participants

More than 400 participants from representing both Central and state Government, corporate houses, NGOs, educational and R&D institutions etc. will be participating in the three days event.

BUDGET FOR ODISHA ENVIRONMENT CONGRESS-2017**Summary Budget Summary**

Sl No	Activity	Unit cost (Rs)	No of units	Total Unit cost (Rs)
1	Printing & Communication materials			
	a. River Basin Report	150	1000	150000
	b. Boucher	5	2000	10000
	c. Invitation Card	5	1000	5000
	d. Conference Proceedings	300	1000	300000
	e. Poster	20	1000	20000
	f. Leaflet	1	30000	30000
	g. Arch/Bill board	5	10000	50000
	i. Fact sheets of 11 Rivers	500	300	150000
	Sub total			715000
2	Inauguration and Technical sessions			1052500
3	Organisation of 11 River Basin workshops	60000	11 regions	660000
4	Young Scientist Award	25000	3	75000
5	Green Ambassador Award	10000	3	30000
6	Organization of Competitions for school & colleges (each of 30 districts through eco clubs and NGOs)	30000	30	900000
7	Corporate excellence Award	10000	1	10000
8	Children's Environment Congress			875000
9	Display of Models & Exhibitions	50000	1	50000
10	Co-ordination expenses at state level			
	Senior level staff (1persons for 3 months)	40000	3	120000
	Research Assistants (3 RA for 3 months)	10000	9	90000
	Data Entry Operator (one for 3 months)	10000	3	30000
	Documentation Associate (one for 3 months)	25000	3	75000
	Sub-total			315000
11	Contingency	Lump-sum		100000
	Grand Total			4782500

Detailed Budget

SI No	Activity	Unit cost (Rs)	No of units	Total Unit cost (Rs)
1	Printing & Communication materials			
a.	a. River Basin Report	150	1000	150000
b.	b. Boucher	5	2000	10000
c.	c. Invitation Card	5	1000	5000
d.	d. Conference Proceedings	300	1000	300000
e.	e. Poster	20	1000	20000
f.	f. Leaflet	1	30000	30000
g.	g. Arch/Bill board	5	10000	50000
h.	i. Fact sheets of 11 Rivers	500	300	150000
	Sub total			715000
2	Inauguration and Technical sessions			
2.1	Inaugural function	Lump sum		50000
2.2	Technical sessions			
a.	Stage arrangements	Lump sum		25000
b.	Bouquet/Memento to panel chairpersons	200	100	20000
c.	Conference materials like bag, writing pad, pen, programme schedule etc	200	300	60000
d.	Audio visual equipments/PA system	10000	3 Days	30000
e.	Photographs/video coverage	10000	3 Days	30000
f.	Accommodation for outside state speakers	1000	3 daysx20	60000
g.	Accommodation for state level participants	200	150x3days	90000
h.	Travel cost for outside state speakers	Lump sum		100000
i.	Transport cost (5 vehicles on rent)	2000	5x 3 days	30000
j.	Refreshments	25	300x3 days	22500
k.	Lunch for Participants	250	300x3 days	225000
l.	Dinner	250	300x2 days	150000
m.	Cultural programmes	30000	2 days	60000
n.	Valedictory function and award	Lump-sum		50000
o.	Painting on Canvas & Exhibition	Lump-sum		50000
	Sub Total			1052500
3	Organisation of 11 River Basin workshops	60000	11 regions	660000
4	Young Scientist Award	25000	3	75000
5	Green Ambassador Award	10000	3	30000
6	Organization of Competitions for school & colleges (each of 30 districts through eco clubs and NGOs)	30000	30	900000
7	Corporate excellence Award	10000	1	10000

8	Children's Environment Congress			
	Inaugural function	Lump sum		20000
	Technical sessions			0
a.	Venue Arrangements	Lump sum		30000
b.	Conference materials like bag, writing pad, pen, programme schedule etc	200	300	60000
c.	Audio visual equipments/PA system	10000	2 days	20000
d.	Photographs/video coverage	10000	2 days	20000
e.	Accommodation for outside state speakers	2500	4x 2 days	20000
f.	Accommodation for state level participants	250	250x2 days	125000
g.	Travel cost for outside state speakers	Lump sum		50000
h.	Travel cost of district level winner	Lump sum		200000
i.	Transport cost(10 vehicles on rent)	2000	10x2 days	40000
j.	Refreshments	25	300x2 days	15000
k.	Lunch for Participants	250	300x2 days	150000
l.	Dinner	250	300x1 day	75000
m.	Cultural programmes			30000
n.	Award to winner	Lump-sum		20000
	Sub Total			875000
9	Display of Model & Exhibition	50000	1	50000
10	Co-ordination expenses at state level			
a.	Senior level staff (1 persons for 3 months)	40000	3	120000
b.	Research Assistants (3RA for 3 months)	10000	9	90000
c.	Data Entry Operator (one for 3 months)	10000	3	30000
d.	Documentation Associate (one for 3 months)	25000	3	75000
	Sub-total			315000
11	Contingency	Lump-sum		100000
	Grand Total			4782500

Annexure

About the Organizers

HDF-cDAR-Human Development Foundation –Centre for Development Action & Research (HDF-cDAR), a not for profit Trust has brought together a group of academicians, development thinkers and practitioners to facilitate participatory development initiatives towards empowered community. It works as a Think Tank as well as undertakes various research, advocacy and action projects in the area of Health, Education, Livelihood and Governance which influence the human development indicators to a large extent. It strives to promote people's institutions and platforms to ensure responsive governance system. Odisha Environment Congress (OEC) is one such platform which brings together researchers, scientific community and grass root workers to discuss, deliberated and find out solutions to various environment challenges. HDF-cDAR has been engaging itself with various Govt. Non Govt. & UN Agencies to bring about changes in favour of people's centric policies & reducing implementation of gaps.

Centre for Environment and Development (CED) is an autonomous R&D institution and is the Centre of Excellence on Solid and Liquid Waste Management of the Ministry of Urban Development, Government of India. CED has its headquarters at Thiruvananthapuram, Kerala and has established its Eastern Regional Centre at Bhubaneswar. The major Program Areas of CED are (i) Natural Resource Management, (ii) Water, Environmental Sanitation and Health (iii) Coastal Systems Research), (iv) Climate Change and Energy Studies (v) Information and Knowledge Management and (vi) Policy Studies and Institutional Design. CED has completed a large number of R&D, Consultancy and Training projects sponsored by various national and international agencies. CED has a multi-disciplinary team of around 250 scientists and engineers. CED has been organizing the Kerala Environment Congress in Kerala since 2005 as part of its multifaceted Outreach programs.

Regional Museum of Natural History (RMNH) Bhubaneswar, is an Eastern regional centre of the National Museum of Natural History, under the Ministry of Environment and Forests, Govt. of India, New Delhi. The goal of the museum is to impart non-formal environmental education to the public in general and the student community in particular in order to inculcate the awareness about the importance of flora, fauna and subsequent conservation of our natural resources.

An aesthetically designed building and landscape sets the tone for an informal and joyful learning experience about our natural heritage and the importance of its conservation. It offers an exciting opportunity for hands on and minds on activity to interact with the

exhibits under recreated environment to attain the knowledge about the harmony of plants and animals and their interrelationships in nature.

The museum attempts to showcase the vibrant biodiversity of Odisha, the Northeast and the Andaman and Nicobar Islands depicting their richness under one roof thereby making people aware of the natural heritage of the state and beyond. Extending the excellent facilities to the masses in order to make environmental education to the common man is the driving force behind the creation of the museum. It attempts to strike a chord with the common man and apprise him of the importance of the natural bio resources and their conservation.

Regional Centre for Development Cooperation (RCDC) is engaged in addressing environment and people-centred issues from natural resource management, sustainable livelihoods development, to climate justice – its thematic domains - in the state of Odisha. As a think tank RCDC is striving to address social problems; making critical difference to people's lives in different poverty stricken tracts of Odisha and India, focusing on results and effectiveness. It is working in 1035 villages, spanning across 37 Blocks in 15 districts of Odisha and some pockets in central and south Indian states. The organisation has been able to generate significant and praise-worthy achievements in its thematic domains through synchronising efforts in terms of policy research, advocacy and campaigns, field based interventions, consulting and communications. RCDC has been partnering with OEC actively since 2014.