

No.4/5/2011-CED/ 96-123
भारत सरकार
Government Of India
केन्द्रीय जल आयोग
Central Water Commission

Room No.839 (N), Sewa Bhavan,
R.K. Puram, New Delhi-110606
कमरा न. 839 (उ) सेवा भवन,
रा. कृ. पुरम, नई दिल्ली 110606
Dated: 15th Feb, 2011

To

All the Members (CPDAC)

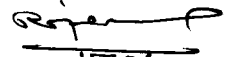
Sub: 12th meeting of Coastal Protection and Development Advisory Committee (CPDAC) to be held at Bhubaneshwar, Orissa during 3-4th March, 2011.

Sir,

Please find enclosed agenda note for the 12th CPDAC meeting scheduled to be held on 3rd March, 2011 at Bhubaneshwar followed by field visit on 4th March, 2011. The follow up action taken by the maritime states /UTs/ Departments on the minutes of 11th meeting of CPDAC held at Chennai on 4-5th January, 2010 may kindly be communicated. Suggestion of new agenda items if any is invited from all members. The venue and the particulars of contact / liaison Officer for the meeting will be communicated as soon as the same is received from the Water Resources department, Orissa.

Encl: as above

Yours faithfully,



(Rajesh Kumar)

Chief Engineer (P&D) &
Member-Secretary (CPDAC)
Tel.No.011-26102267
Fax. No. 011-26176710
26175862

List of Members of CPDAC

- | | | | |
|----|---|----|---|
| 1 | Member (R M) & Chairman, CPDAC
C.W.C.,
2 nd floor, Sewa Bhawan,
R.K.Puram, New Delhi-66. | 2 | Chief Engineer (P&D) & Member
Secretary, CPDAC
C.W.C.,
815(N), Sewa Bhawan,
R.K. Puram, New Delhi-66. |
| 3 | Commissioner (Ganga),
Ministry of Water Resources,
8 th Floor, Block -11
CGO Complex, Lodhi Road,
New Delhi-111003. | 4 | Advisor (I & CAD),
Planning Commission,
Yojna Bhawan, Sansad Marg,
New Delhi-111001. |
| 5 | Advisor/Joint Secretary
(Impact Assessment)
Ministry of Environment & Forests,
6 th Floor, Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi-111003. | 6 | Development Advisor (Ports),
537,Transport Bhawan,
Ministry of Shipping, Road Transport &
Highways,
1, Parliament Street,
New Delhi- 111011. |
| 7 | Engineer-in-Chief (Irrigation)
Irrigation & CAD Department,
Errum Manzil,
Hyderabad - 500 082
(Andhra Pradesh) | 8 | Member Agriculture,
State Planning Commission,
Govt. of Tamil Nadu,
Ezhilagam, Chepauk,
Chennai - 600005. |
| 9 | Chief Engineer (C&SR),
C.W.C.,
Sangamam,
Gandhimaanagar, Peelamedu P.O.,
Coimbatore – 641 004
(Tamil Nadu) | 10 | Chief Engineer (Irrigation),
2 nd Floor, Junta House,
Annexe, Panaji- 403001.
(Goa). |
| 11 | Director,
National Institute of Oceanography,
Dauna-Paula,
Goa- 403001. | 12 | Secretary,
Narmada, Water Resources &
Water Supply Department,
Govt. of Gujarat,
Block No. 9, Sardar Bhawan,
Sachivalaya,
Gandhinagar- 382011.
(Gujarat) |
| 13 | Chief Engineer,
Irrigation&Admn.,
Govt. of Kerala,
Thiruvananthapuram- 695033
(Kerala) | 14 | Director,
Central Water & Power Research
Station (CWPRS),
P.O. Khadakwasla,
Pune - 411124.
(Maharashtra) |
| 15 | The Chief Executive Officer, (Commissioner,
Water Transport)
Maharashtra Maritime Board,
Indian Mercantile Chamber (3 rd Floor)
Ramajibhai Kamani Marg,
Ballard Estate, Mumbai - 400 038. | 16 | Engineer-in-Chief (Water Resources),
Secha Sadan, Govt. of Orissa,
Bhubaneshwar - 751101.
(Orissa) |

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| <p>17 Deputy Director General,
Geological Survey of India,
Marine Wing,
Bhu Vigyan Bhavan, DK-6, Sector-2,
Salt Lake City,
Calcutta - 700091
(West Bengal)</p> | <p>18 Secretary,
Irrigation & Waterways Deptt.,
Govt. of West Bengal,
Jalsampad Bhawan, Salt Lake,
Calcutta- 700091.
(West Bengal)</p> |
| <p>19 Head, Marine and Water Resources Division,
Space Application Center,
Ambawadi Vistar P.O.,
Ahmedabad –380015</p> | <p>20 Chief Hydrographer,
National Hydrographic Office,
17 A, Rajpur Road
Dehradun-248001</p> |
| <p>21 Chief Engineer, APWD,
Andaman & Nicobar Administration,
Port Blair-744111</p> | <p>22 Superintending Engineer,
Lakshadweep, PWD,
Kavaratti, Lakshadweep-682555</p> |
| <p>23 Chief Engineer, PWD,
34, Lal Bahadur Shastri Street,
Pondicherry-605001</p> | <p>24 Member (Planning),
Ganga Flood Control Commission,
Sinchai Bhawan 3rd Floor,
Patna – 800015.</p> |
| <p>25 Director (Ports & I.W.T.),
Baithkol, Uttara Kannada,
Karwar – 581302
Karnataka.</p> | <p>26 Shri M.M. Kamath
Chief Engineer (Retd.)
Chairman, T.E.C. Anti-sea Erosion
Works in Karnataka
Mizar, Ramakrishna Pai Compound
Mannagudda, Mangalore-575 003</p> |
| <p>27 Dr. Vallam Sundar
Professor, IIT Madras
Ocean Engineering Department
C-6-13, Second Link Road, IIT Madras,
Chennai - 600 036</p> | <p>28 Shri D.K. Maiti,
MD, West Bengal Fisheries Corp.Ltd.,
GN-31, Sector-5,
Salt Lake City,Kolkata-700 091</p> |

Permanent Invitees:

- | | |
|--|---|
| <p>29 Economic Adviser
Ministry of Water Resources
Room No. 7, B Wing
Shashtri Bhawan
New Delhi - 110001</p> | <p>30 Chief Engineer,
Design Research and Construction
Support,
PWD, WRO,
Cheppakkam,
Chennai - 600 005</p> |
| <p>31 Director,
Centre for Earth Science Studies,
Akkulam,
Thiruvananthapuram - 695 031
(Kerala)</p> | <p>32 Project Director & Sci G
ICMAM Project Directorate
NIOT Campus,
Velachery-Tambaram Main Road,
Pallikaranai,
Chennai – 601 302</p> |
| <p>33 Director,
Beach Erosion Directorate,
Central Water Commission,
"Jaladhara", 27/1927-A,
Kasturba Nagar, Kochu-Kadavanthra,
P.O.Kadavanthra,
Cochin - 682 020.</p> | |

AGENDA NOTE

COASTAL PROTECTION & DEVELOPMENT ADVISORY COMMITTEE (CPDAC)

12th MEETING

12.1 CONFIRMATION OF THE MINUTES OF 11th MEETING

The minutes of 11th Coastal Protection Development Advisory Committee meeting, held at Chennai (Tamil Nadu) during 04-05th January 2010 were circulated to all the members of CPDAC vide letter no. 4/5/2008-CED/ 18-46 dated 18/01/2010. The minutes of 11th CPDAC meeting may be confirmed.

12.2 STATEWISE COASTAL LENGTHS & COASTAL ATLAS

NHO representative informed the committee that a comprehensive exercise of re-evaluating coastal length is being taken up in the wake of methodological changes based on Survey of India maps. States were requested to report the length along with the methodology adopted. Chairman, CPDAC emphasized that while evaluating the Coastal length, creeks should not be considered and requested state Govts to provide the coastal length and the methodology adapted to NHO. Representative from MOEF while emphasizing the importance of proper determination of coastal length suggested NHO to document standardized procedure for evaluating the coastal line and same should be circulated to state authorities and suggested for specific time line for this whole exercise. NHO representative informed that the proposed exercise of evaluating the coastal line will be done closing the river mouth and treating offline islands as separate entity.

(Action taken in this regard may be informed by the NHO representative and concerned States.)

COASTAL ATLAS:

As per Chairman's decision Coastal Atlas (agenda item 11.4) was discussed along with item 11.2 **State-wise Coastal Lengths** as Coastal atlas may be used for verifying the length of the Coastline. Representative from SAC informed about the proposal of SAC submitted to CPDAC Secretariat on Shoreline change atlas and the digitalization of maps done under the project "Coastal Zone Studies" funded by MoEF. Chairman CPDAC suggested that preparation of the atlas can be phased so that some deliverable can be completed by next meeting. SAC agreed to the phasing of atlas preparation and also suggested re-constitution of the existing Sub-committee on coastal atlas by including MoEF, as some of the data required for the preparation of atlas is under the control of MoEF.

Sub-committee was re-constituted by including members from SAC, MOEF, ICMAM, NHO, Sol and CWC. 1st meeting of the re-constituted Sub-committee was convened on 4th May 2010. The broad terms for preparation were finalized during the meeting and preparation of Shoreline change atlas has been initiated.

(SAC can intimate further progress and the data / action required from the maritime states)

12.3 DATA COLLECTION, COMPILATION, ANALYSIS AND PUBLICATION

Tamil Nadu informed that they are submitting data in the prescribed format regularly to CWPRS. Chairman CPDAC opined that telemetry system and automation could be employed to counter work-force limitation for field data collection. He suggested that ICMAM and CW&PRS can formulate a plan for data collection and requirement including Instrumentation for entire Coastal line of the Country. However, some of the participants in the meeting observed that such plans will not be feasible due to local nature of erosion problem and constraint of limited staff. Some members suggested CPDAC should be very clear on what and why we want such data and suggested that many agencies have collected data which can be developed as data bank. Chairman enquired about the status of the data available with departments under Ministry of Earth Sciences (MoES).

Representative from ICMAM, MoES informed about the data available with them and informed that both National Institute of Oceanography (NIO) and Indian National Centre for Ocean Information Services (INCOIS) are having vast set of data but sharing may not be possible due to contractual obligations. Chairman observed that such impediment related to data sharing should be avoided for the benefit of all other agencies including INCOIS and NIO and requested CW&PRS & ICMAM to coordinate this activity.

(CWPRS & ICMAM can suggest and inform the committee about feasibility of data collection on all India basis. The suggestion can be limited to data collection for the purpose of coastal protection works. Data already available with INCOIS and NIO can be excluded.)

12.4 RESEARCH AND DEVELOPMENT

12.4.1 RESEARCH PROPOSALS

During the previous meeting (11.4.1), Chairman CPDAC requested all member States to submit research proposals to MoWR / INCH for funding and requested CWPRS to Co-ordinate in this regard..

(INCH secretariat /CWPRS, States/ UTs may inform programme of such research works and status of proposals.)

12.4.2 INSTITUTIONAL STRENGTHENING

12.4.2.1 TRAINING AND STUDY TOURS

During the last meeting, Shri.M.D.Kudale, Joint Director CWPRS requested help from Chairman CPDAC for conducting training courses. CWPRS was requested to collaborate with NWA for training programme. The training course on Coastal Engineering & Coastal Regulation Zone was organized by NWA, Pune jointly with CWPRS for five days from 23-08-2010 to 27-08-2010 at Pune. CWPRS is organizing a separate training course on Coastal erosion & Protection in February-2011. NWA can be requested for conducting such training once a year. CWPRS can corroborate with NWA for the content of such courses at NWA and CWPRS respectively. CWPRS can organize advanced courses on coastal project in design and protection.

12.5 COASTAL MANUAL.

12.5.1 Preparation of Indian Shore line protection Manual

During the 11th CPDAC meeting Chairman CPDAC suggested that the manual may be prepared in accordance with the Indian condition. NIO, Goa communicated that the draft version of manual will be submitted in December 2010. Dr. B.R. Subramanian, Project Director ICMAM volunteered to expedite the process of preparation of manual after discussing with the person concerned at NIO, Goa.

(Status of manual and action taken by NIO may be informed.)

12.5.2 Manual on construction Techniques of Coastal protection works.

During the last meeting CWPRS apprised the committee that the guidelines for design and construction technique of sea wall are in draft stage. Chairman, CPDAC expressed that guidelines can be made available at draft stage itself for comments.

(CWPRS may take action to submit the guidelines)

12.6 REVIEW OF THE EXISTING WORKS

In the last meeting, Director, Beach Erosion, CWC, Cochin informed the Committee that the site visit for performance evaluation of existing coastal protection works could not be taken up since 9th meeting of the CPDAC. Chairman desired that CWPRS should take more initiative on the same.

(CWPRS and Beach Erosion Directorate may inform the action taken)

12.7 NATIONAL COASTAL PROTECTION PROJECT (NCPP)

NCPP was initiated with a view to explore the possibility of funding coastal protection works through external assistance. MoWR pursued for funding. After discussion between GoI and Asian Development Bank (ADB) for funding on coastal protection works, ADB approved grant for Technical Assistance (TA) named PPTA. PPTA is in the final stage. The TA will be used to prepare an investment project for sustainable coastal protection and management in the States of Goa, Maharashtra and Karnataka. ADB loan of about \$ 250 million is in the pipeline for the three States. The PPTA broadly supports NCPP.

New technologies being proposed for the Coastal protection works under ADB assisted project was presented in the 11th CPDAC meeting.

Furthering the concept of PPTA assistance including introduction of new technology and extending assistance through ADB. ADB loan has been initiated for Programme – 2, which will cover 2 more states.

12.8 MASTER PLAN FOR COASTAL PROTECTION

This agenda was discussed during the review of the proposal of CPDAC against assigned function. Members agreed that maritime states should take initiative.

(Action taken in this regard by the states/UTs may be informed to CPDAC.)

12.9 COMPOSITION OF CPDAC

Proposal of CPDAC non-official members for 3 years as confirmed by MoWR, New Delhi.

1. Dr.Vallam Sunder, Professor, IIT, Chennai
2. Shri. M.M.Kamath, CE(Retired), Chairman, TEC anti-sea erosion works, Mangalore
3. Shri. D.K.Maiti, MD, West Bengal Fisheries Crop. Ltd. (Retired secretary)

12.10 STATUS OF COASTAL PROTECTION WORKS IN MARITIME STATES

All maritime States/UTs were requested to forward the latest status of coastal protection works as per the prescribed format, once in a year, preferably in June. There has been no response from the States except for the states of Kerala and Tamil Nadu.

(States / Maritime states may submit the details which will facilitate planning and prioritization of funding.)

12.11 ANY OTHER ITEM WITH THE PERMISSION OF CHAIR

12.12 VENUE OF THE NEXT MEETING