

No. 4/5/2014-CED/79-111

भारत सरकार/Government of India

केन्द्रीय जल आयोग/Central Water Commission

तटीय अपरदन निदेशालय/Coastal Erosion Directorate

कक्ष संख्या 906 (द०), सेवा भवन,
राम कृष्ण पुरम, नई दिल्ली 110606
Room No.906 (S), Sewa Bhawan,
R.K. Puram, New Delhi-110606
दिनांक/dated 12th February, 2014

To

CPDAC Members/Invitees
(as per list attached)

Subject: Agenda for 14th meeting of Coastal Protection and Development Advisory Committee (CPDAC) to be held in Goa during 27-28th Feb, 2014.

Sir,

In continuation to this office O.M. No. 4/5/2014-CED/44-76 dated 7th Feb, 2014, please find enclosed herewith agenda note for the 14th CPDAC meeting scheduled to be held on 27th February, 2014 at Goa followed by a field visit on 28th February, 2014. The maritime States /UTs/ Departments may look for the actionable points included in the agenda pertaining to them for further needful action. The follow up action taken by them on the minutes of 13th meeting of CPDAC held at Mangalore (Karnataka) during 9-10th Feb, 2012 may also be communicated.

It is requested to kindly make it convenient to attend the meeting and confirm your participation latest by **20th Feb, 2014** by e-mail/fax to this office as well as to the Nodal Officer, Govt. of Goa. The other details regarding venue etc. for the meeting will be intimated shortly.

Encl: As above

Yours faithfully

राजेश यादव
12/2/2014
(राजेश यादव)

(Rajesh Yadav)

निदेशक/Director

टेलीफोन/Tel. 011-26195513

फैक्स/ Fax 011-26175862

E-mail: cedte@nic.in,

rajesh.yadav@nic.in

Copy to:

- i. PPS to Chairman, CWC, Sewa Bhawan, R.K. Puram, New Delhi
- ii. PPS to Member (RM), CWC & Chairman, CPDAC, Sewa Bhawan, R.K. Puram, New Delhi
- iii. **Nodal Officer**, Govt. of Goa (Sh. S.V. Prabhavalkar, S.E., Circle I, Govt. of Goa, Panaji, Tel : 0832-2226042 e-mail : sel.circle1.wrd@gmail.com)

List of addressee for 14th CPDAC Meeting Notice

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| <p>1 Commissioner (Ganga),
Ministry of Water Resources,
8th Floor, Block -11
CGO Complex, Lodhi Road,
New Delhi-111003.</p> <p>3 Engineer-in-Chief (Irrigation)
Irrigation & CAD Department,
Errum Manzil,
Hyderabad - 500 082
(Andhra Pradesh)</p> <p>5 Development Advisor (Ports),
537, Transport Bhawan,
Ministry of Shipping,
1, Parliament Street,
New Delhi- 111001.</p> <p>7 Chief Engineer (C&SR),
Central Water Commission,
Sangamam,
Gandhimaanagar, Peelamedu P.O.,
Coimbatore – 641 004</p> <p>9 Director,
National Institute of Oceanography,
Dauna-Paula,
Goa- 403001.</p> <p>11 Chief Engineer,
Irrigation&Admn.,
Govt. of Kerala,
Thiruvananthapuram- 695033</p> <p>13 Chief Executive Officer, (Commissioner,
Water Transport)
Maharashtra Maritime Board,
Indian Mercantile Chamber (3rd Floor)
Ramajibhai Kamani Marg,
Ballard Estate, Mumbai - 400 001.</p> <p>15 Chief Engineer (FM) ,
Central Water Commission,
901(S), Sewa Bhawan,
R.K. Puram, New Delhi-66.</p> <p>17 Secretary,
Irrigation & Waterways Deptt.,
Govt. of West Bengal,
Jalsampad Bhawan, Salt Lake,
Kolkata- 700091.</p> | <p>2 Joint Secretary/ Advisor
(Impact Assessment)
Ministry of Environment & Forests,
4th Floor, Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi-111003.</p> <p>4 Advisor (WR),
Planning Commission,
Yojna Bhawan, Sansad Marg,
New Delhi-111001.</p> <p>6 Chief Engineer,
Water Resources Organisation
PWD., Govt. of Tamil Nadu
Madurai region,
Thallakulam, Madurai-625 002.</p> <p>8 Chief Engineer (WR),
2nd Floor, Junta House,
Annexe, Panaji- 403001.
(Goa).</p> <p>10 Secretary,
Narmada, Water Resources &
Water Supply Department,
Govt. of Gujarat,
Block No. 9, Sardar Bhawan,
Sachivalaya, Gandhinagar- 382011.</p> <p>12 Director,
Central Water & Power Research
Station (CWPRS),
P.O. Khadakwasla, Pune - 411124.</p> <p>14 Engineer-in-Chief (Water Resources),
Secha Sadan, Govt. of Odisha,
Bhubaneshwar - 751101.
(Odisha)</p> <p>16 Deputy Director General,
Geological Survey of India,
Marine Wing,
Bhu Vigyan Bhavan, DK-6, Sector-2,
Salt Lake City, Kolkata - 700091</p> <p>18 Head,
Geo Sciences Division,
Space Application Center,
Ambawadi Vistar P.O.,
Ahmedabad –380015</p> |
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| <p>19 Chief Hydrographer to the Govt. of India,
Directorate of Hydrography
West Block IV, Wing -5, R.K. Puram, Sec-1
New Delhi-110 066</p> | <p>20 Chief Engineer, APWD,
Andaman & Nicobar Administration,
Port Blair-744111</p> |
| <p>21 Superintending Engineer,
Lakshadweep, PWD,
Kavaratti, Lakshadweep-682555</p> | <p>22 Chief Engineer, PWD,
34, Lal Bahadur Shastri Street,
Pondicherry-605001</p> |
| <p>23 Member (Planning),
Ganga Flood Control Commission,
Sinchai Bhawan 3rd Floor,
Patna – 800015.</p> | <p>24 Director (Ports & I.W.T.),
Baithkol, Uttara Kannada,
Karwar – 581302
Karnataka.</p> |

Permanent /Special Invitees:

- | | |
|---|--|
| <p>25 Economic Adviser
Ministry of Water Resources
Room No. 7, B Wing
Shashtri Bhawan
New Delhi – 110001</p> | <p>26 Director,
National Institute of Ocean Technology
(NIOT)
Velachery-Tambaram Main Road,
Pallikaranai,
Chennai – 600100</p> |
| <p>27 Director,
Centre for Earth Science Studies,
Akkulam,
Thiruvananthapuram - 695 031
(Kerala)</p> | <p>28 Project Director & Sci G
ICMAM Project Directorate
NIOT Campus,
Velachery-Tambaram Main Road,
Pallikaranai,
Chennai – 600100</p> |
| <p>29 Director,
Beach Erosion Directorate,CWC
"Jaladhara", 27/1927-A,
Kasturba Nagar, Kochu-Kadavanthra,
P.O.Kadavanthra, Kochi - 682 020.</p> | <p>30 Director,
Indian National Centre for Ocean
Information Services(INCOIS),
"Ocean Valley" Pragathi Nagar (BO),
Nizampet (SO) ,Hyderabad - 500 090</p> |

AGENDA NOTE FOR 14TH MEETING OF COASTAL PROTECTION AND DEVELOPMENT ADVISORY COMMITTEE (CPDAC) TO BE HELD IN GOA DURING 27-28TH FEBRUARY, 2014

14.1 CONFIRMATION OF THE MINUTES OF 13TH MEETING

The minutes of 13th CPDAC meeting held at Mangalore (Karnataka) during 9-10th February, 2012 were circulated to all the members of CPDAC vide this office letter No. 4/5/2012-CED/164-98 dated 27th February, 2012 (copy enclosed). Under para 13.11 of the said minutes, it was mentioned that “*Sh. Saleem Ali, Environmentalist and Ecologist from Coimbatore from Ministry of Environment & Forests*” may be included as one of the Member of sub-committee. This may be read as “*Representative from Salim Ali Centre for Ornithology and Natural History, Coimbatore*” may be included as one of the Members of sub-committee. With above change, the minutes of 13th CPDAC meeting may be confirmed.

14.2 STATE WISE COASTAL LENGTHS AND COASTAL ATLAS

14.2.1 STATE WISE COASTAL LENGTH

During 13th CPDAC meeting, representative from National Hydrographic Office (NHO), Dehradun presented the provisional coastline length of various maritime States/UTs of the Country. He stated that this data is **provisional** and requested member states to provide feedback after their verification. The same was sent by CPDAC secretariat for confirmation to maritime States/UTs in March, 2012. A reminder to this effect was also sent in Aug, 2012. The response from States of **Gujarat, Tamil Nadu, Kerala** and **UT of A&N Islands** as received is summarized below.

States/ UTs	Provisional Coastline Length in Km (NHO)	Remark on Coastline Length by the maritime States/UTs
Gujarat	2125.82	Accepted to consider the provisional coastline length
Tamil Nadu	1064.98	State Govt. of TN has informed that coastal length given by State Fisheries Department and Anna University is 1076 km and the same may be taken.
Kerala	597.43	State Govt. of Kerala has informed that as per their record the coastline length is 568.564 km.
A&N Island	3078.52	A&N Administration has informed that there is discrepancy of approximately 250 km in the provisional coastal length furnished by NHO (i.e. 3078.52 km) and the coastal length available with the A&N Administration.

Rest of the States/UTs have not responded on this aspect.

As requested in 13th CPDAC meeting, NHO has provided the coastline length up to two decimal points with 2011 as base year. It was clarified by NHO that High Tide Line (HTL) has been accepted as coastline.

In this background, NHO may again briefly appraise the members with the methodology adopted for computation of the coastline length and up-to date position may be discussed by the committee for taking decision regarding finalization of Coastline Length.

14.2.2 SHORELINE CHANGE ATLAS OF THE INDIAN COAST

After 13th CPDAC meeting, information related to Status of Coastal Protection works in State of **West Bengal, Odisha, Karnataka & Maharashtra** and **UT of A&N Islands, Puducherry and Daman & Diu** were received and the same were forwarded to Space Application Centre (SAC), Ahmedabad for incorporation in the Atlas. The Atlas has now been prepared by SAC in six volumes as detailed below.

- Volume 1** covering Gujarat, Daman & Diu,
- Volume 2** covering Maharashtra & Goa,
- Volume 3** covering Karnataka & Kerala,
- Volume 4** covering Tamil Nadu, Puducherry & Andhra Pradesh,
- Volume 5** covering Odisha & West Bengal
- Volume 6** covering Lakshadweep & Andaman & Nicobar islands

CWC vide letter no. 4/5/2013-CED/736 dated 10th December, 2013 has forwarded some comments/suggestions for incorporation in the Atlas.

Representative of SAC, Ahmedabad is requested to make a presentation in the meeting to appraise the latest status of the Atlas to the Members of CPDAC. The Committee may discuss and convey the concurrence for publication of the Shoreline Change Atlas of the Indian Coast at scale 1:25,000.

14.3 DATA COLLECTION, COMPILATION, ANALYSIS AND PUBLICATION

14.3.1. Based on the decision taken in 13th CPDAC meeting and nominations received from member organizations, the **Sub-committee of CPDAC on Coastal Data Collection , Compilation and Publication** was constituted vide this Office Memo. No. 4/5/2013-CED/53-73 dated 15th January, 2013. The first meeting of the sub-committee was held on 7th October, 2013 at New Delhi. The summary records of discussion of the meeting are **enclosed** for consideration & acceptance by CPDAC.

It was noted in the meeting of the sub-committee that no information/data was furnished by most of concerned maritime State/UTs with respect to ToR of sub-committee as decided in 13th meeting of CPDAC for preparation of the report. In order to prepare the Report of Sub-committee of CPDAC on Coastal Data Collection, Compilation and Publication, all the maritime States/UTs are requested to furnish the required information/data as per the ToR of the sub-committee decided in 13th CPDAC meeting.

CW&PRS was requested to provide information to the Sub-committee of CPDAC on Coastal Data Collection, Compilation and Publication regarding data compiled by CW&PRS. However, the desired information has neither been shared with the sub-committee nor the representative of CW&PRS attended the 1st meeting of the sub-committee. Representative of CW&PRS may present the status of coastal data collected/compiled so far.

14.3.2 It is also noted that State Specific Coastal Management Information System (CMIS) is being developed in States of **Maharashtra** and **Karnataka** under ADB Assistance programme. The representative of both states may share the details of the CMIS and the present status of implementation in their States.

14.3.3 Representative of Gujarat has intimated the CPDAC secretariat that Government of Gujarat has constituted a Task Force for coastal erosion works. Further updates on the same may be provided by the representative of State Govt. of Gujarat.

14.4 RESEARCH DEVELOPMENT

14.4.1 RESEARCH PROPOSALS

During the 13th CPDAC meeting, the matter of submission of **four** research proposals by Tamil Nadu to Indian National Committee on Hydraulics (INCH) Secretariat was discussed. The CWPRS representative informed that the proposals can be considered by INCH only when funds allocated earlier to Tamil Nadu for another R&D project and not utilized, are refunded by Government of Tamil Nadu. Chairman, CPDAC had desired that since INCH has to submit its recommendations to R&D Division of MoWR, it may decide on the proposals early and the status may be submitted to R&D Division of MoWR by 29th February, 2012. Further to above, in March, 2012, INCH secretariat informed that the process of refund has been initiated by the Govt. of TN, however the amount is yet to be received.

It is informed that INCH and few other such committees have now been subsumed under newly constituted **Indian National Committee on Surface Water (INCSW)** under the Chairman-ship of Chairman, CWC and Rehabilitation & Resettlement (R&R) Directorate, CWC, New Delhi as its secretariat. Further, Ministry of Water Resources has issued new guidelines for formulation and submission of research proposals under R&D programme of MoWR in October, 2013 and the same is available on Ministry's website. All the maritime States/Research Institutions may formulate research proposals, if any, as per new guidelines to seek funding for research proposals during 12th Plan. The already submitted proposals may also need to be revisited in line with MoWR guidelines on subject.

14.4.2 INSTITUTIONAL STRENGTHENING

TRAINING AND STUDY TOURS

A training programme on “Coastal Erosion Protection & Integrated Coastal Zone Management” was organized at National Water Academy (NWA), Pune during 24-28th Sep, 2012. The same was communicated to Members from States/UTs vide this office letter No. 4/5/2012-CED/571-584 dated 1st August, 2012. 22 participants from different Central/State agencies were trained under this programme. Further, during the years 2010-11 and 2011-12, 37 officers from Central/State agencies were trained under above programme. The activities of training Engineers in Coastal Engineering can be further enhanced by NWA, Pune on the request from the maritime States/UTs.

Other institutes such as CW&PRS, NIOT, ICMAM, IIT Chennai, NHO, NIO etc. may appraise the members with the specialized training programme being organized by them for utilization in future. States/UTs may discuss and indicate for any other specialized/customized training programme from these institutes, if any required.

Workshop/Seminars can be organized by the maritime States/UTs/ specialized agencies having good experience in coastal protection works to share their experience & expertise with other States/Central agencies. Such States may also bring out some good publications based upon their experiences and expertise and share with CPDAC secretariat as well as with other members States/UTs.

The States/UTs desirous of taking benefit of the States where ADB/World Bank assisted coastal protection projects/programmes are going on, may depute their officers on study tours.

14.5 COASTAL MANUALS

A manual on “Protection and Control of Coastal Erosion in India” was published by National Institute of Oceanography (NIO), Goa in 1980. The work of updating of this manual has been entrusted to NIO, Goa in 2004-05 at the behest of CPDAC. The completion of work is still pending for last many years. In last meeting of CPDAC, it was decided that matter may be taken up with NIO and concerned Ministry to complete the work urgently. The matter was taken up by CPDAC secretariat in March, 2012 and June 2012. NIO, Goa has informed that work will be completed by November, 2012. However, the same has not been completed.

Representative of NIO, Goa may inform the committee about the present status of updating of manual and the constraints, if any.

14.6 REVIEW OF THE EXISTING WORKS

As decided in 13th CPDAC meeting, the sub-committee of CPDAC on “Performance Evaluation of Coastal Protection Works” was reconstituted vide this office letter No. 4/5/2012-CED/263-68 dated 21st March, 2012.

Director (Beach Erosion), CWC and Member-Secretary of above sub-committee requested the States of Maharashtra (in Jan, 2013) and Gujarat (in Aug, 2013) for organizing the visit/meeting of the sub-committee. However, no visit could be undertaken.

All the maritime States/UTs are requested to kindly facilitate the officials of the Beach Erosion Directorate/secretariat of the sub-committee in undertaking performance evaluation studies.

14.7 NATIONAL COASTAL PROTECTION PROJECT(NCPP)

NCPP was initiated with a view to explore the possibility of funding coastal protection works through external assistance. Currently two projects namely Ullal Coastal Erosion & Inlet Improvement Project in Karnataka and Mirya Bay Coastal Erosion and Protection Project in Maharashtra are under implementation under ADB aided Sustainable Coastal Protection and Management Investment Programme. The status/details about these projects were discussed/presented during the 13th CPDAC meeting (para 13.7 of the minutes of 13th CPDAC meeting)

Representatives from State of Karnataka and Maharashtra may provide the latest status of implementation of respective projects to CPDAC and share their experiences.

Other maritime States which have earlier shown interest for ADB assistance may present their view and preparatory action taken in this regard.

14.8 MASTER PLAN FOR COASTAL PROTECTION

It is noted that under ADB Assistance programme, **Shoreline Management Plan** is being prepared in States of Maharashtra and Karnataka. The representatives of these States may share the content/methodology for the preparation of such plan along with the latest status on the progress of preparation.

Status of Master Plan preparation by other State/UT may be discussed during the meeting. States/UTs who have such master plan may share and discuss it during the meeting for the benefit of other States/UTs.

States may also consider **Flood Management Programme (FMP)**, a state sector scheme of Government of India for funding of coastal protection works. The scheme has been approved for continuation during XII plan in October, 2013 and the FMP guidelines have been issued and are available on website of Ministry of Water Resources (<http://wrmin.nic.in>). UTs may consider Centrally Sponsored Scheme namely **River Management activities and Works Related to Border Areas and Union Territories (RMBA)** for funding of coastal protection works under their jurisdiction. It is suggested that mandatory clearances including Coastal Regulation

Zone (CRZ) clearance etc. may be taken in advance for the approval of coastal protection projects.

14.9 COMPOSITION OF CPDAC

14.9.1 New Addition

The Administration of UT of Daman & Diu has nominated Chief Engineer (PWD) , UT of Daman & Diu for representation in CPDAC.

Committee may consider the new addition to the list of members of CPDAC.

14.9.2 Non-Official Members of CPDAC

Following three non-official members of CPDAC were selected by MoWR vide O.M. No. 3(1)/2010-EA(WB)(Pt.) dated 19th October,2010 for a period of three years from the date of Issue of O.M.

- I. Dr. Vallam Sundar, IIT, Madras, Chennai
- II. Sh. M.M. Kamath, Chairman, TEC Anti-Erosion Works in Karnataka
- III. Sh. D.K. Maiti, MD, West Bengal Fisheries Corp Ltd (Retd. Secretary)

As the tenure of three non-official members of CPDAC was up to 18th Oct, 2013, they were requested to convey their willingness to continue for another tenure in CPDAC. All the three non-official members conveyed their willingness to continue.

Further to above, CPDAC members were requested to communicate suitable nominations/suggestions for non-official members of CPDAC vide this office letter No. 4/5/2013-CED/746-768 dated 26th Dec, 2013. The Chief Engineer, Irrigation and Administration, Govt of Kerala has suggested to include an **official** namely Dr. Ajayakumar Varma, Scientist, National Centre for Earth Sciences Studies, Thiruvananthapuram , Kerala as one non-official member of CPDAC against existing vacancy. No other nomination has been received by the CPDAC secretariat.

Further nominations, if any, for non-official members of CPDAC or continuation of these three members may be discussed by the committee.

14.9.3 Review of composition of CPDAC

A) Space Application Centre (**SAC**), Ahmedabad and Govt. of **Tamil Nadu** were requested to review their representation in CPDAC. They have nominated following officers for representation in CPDAC as members.

- i) Dr. A.S. Rajawat, Sci/Engr. SG, Head, GSD, MPSPG/EPSP, Space Application Centre, Ahmedabad
- ii) Chief Engineer, Water Resources Department, PWD, Govt. of Tamil Nadu, Madurai Region,

The suggested changes are as under:-

S.N.	Designation/Department of Members of CPDAC as per Existing Gazette Notification	Proposed Changes
1	Shri Shailesh Nayak, Head, Marine and Water Resources, Division, Ahmedabad	Head, GSD, MPSG/EPISA, Space Application Centre, Ahmedabad
2	Part Time Member, State Planning Commission, Govt. of Tamil Nadu, Madras	Chief Engineer, Water Resources Department, PWD, Govt. of Tamil Nadu, Madurai Region

Above may be considered and accepted by the Committee.

B) Following changes are also proposed which have primarily arisen due to changes in the Designation/name of Departments of the concerned Members of CPDAC.

S.N.	Designation/Department of Members of CPDAC as per Existing Gazette Notification	Proposed Changes
1	Advisor(I&CAD), Planning Commission, New Delhi	Advisor(Water Resources), Planning Commission, New Delhi
2	Development Adviser (Ports) M/o Surface Transport, New Delhi	Development Adviser (Ports), Ministry of Shipping, New Delhi
3	Commissioner(ER), Ministry of Water Resources, New Delhi	Commissioner(Ganga), Ministry of Water Resources, New Delhi
4	Deputy Director General O.M.E.&M.G. Wing, GSI, Ratnakar Building, 4-Chowringhee Lane, Calcutta-700016	Head of the Department Marine Wing, GSI Complex, Bhu Bijnan Bhavan, 9th. floor Block: DK-6, Sector-II, Salt Lake Kolkata-700091 West Bengal
5	Commissioner,(Water Transport) Maharashtra State Indian Mercantile Chambers, 3rd Floor, Ballard Estate, 14, Ramajibhai Kamani Marg, Bombay - 400 038.	The Chief Executive Officer, Maharashtra Maritime Board, Indian Mercantile Chamber (3rd Floor) Ramajibhai Kamani Marg, Ballard Estate, Mumbai - 400 001
6	Engineer-in-Chief (Irrigation) ,Govt. of Orissa, Bhubaneswar	Engineer-in-Chief (Water Resources) Govt. of Odisha, Bhubaneswar
7	Engineer-in-Chief (Irrigation) ,Govt. of Goa, Panaji-Goa	Chief Engineer (Water Resources), Govt. of Goa, Panaji-Goa
8	Chief Engineer (River Morphology), Central Water Commission, R.K. Puram, New Delhi (Member-Secretary)	Chief Engineer (Flood Management), Central Water Commission, R.K. Puram, New Delhi (Member-Secretary)

Above may be considered and accepted by the Committee.

14.10 STATUS OF COASTAL PROTECTION WORKS IN MARITIME STATES/UTs:

In the last CPDAC meeting, it was informed that a draft report, namely, "Status Report on Coastal Protection and Development in India" has been prepared by CPDAC Secretariat. Further, additional information from the State/UTs were requested in Jan, 2013 but the same has not been received. Due to non-receipt of information from States/UTs and non-finalization of the provisional length of Coastline Length, the draft Status Report could not be finalized for circulation amongst the States/UTs.

Considering the detrimental effect of coastal erosion on the population, problems associated with the same are raised and discussed at various important forums such as Parliament and within Governments as well. As such, it is proposed to compile the detailed information on status of coastal erosion, status of protection and source of funding etc. at national level. Hence all the States/UTs are required to submit a note containing following:-

1. Extent of coastal erosion problem in the State, district-wise (as per Table 1 given in Annexure)
2. Specifics of Coastal Region in the State/UT - Wave Climate, Tidal Regime, Geology/Geo-morphology etc.
3. List of Coastal Protection Works executed in affected areas/district with expenditure and source of funding (as per Table 2 given in Annexure)
4. List of Proposed Protection Works in the vulnerable areas & tentative source/requirement of funding for Coastal Protection Works during XII plan (as per Table 3 given in Annexure)

The committee may discuss and decide the time line for furnishing these information by States/UTs.

14.11 ANTI SEA EROSION MEASURES IN LAKSHADWEEP- EXAMINATION OF MALDIVIAN MODEL FOR SHORE PROTECTION

Secretary (Works), Administration of UT of Lakshadweep in October 2011 communicated that the present model of coastal protection through Tetrapods is questionable and also makes the beaches ugly and un-useful and requested Central Water Commission to constitute an expert committee with engineers, ecologist, biologist and representative of Lakshadweep, etc. at the earliest to examine the Maldivian model in detail. Subsequently, the matter was taken up as one of the agenda items of 13th CPDAC meeting held at Mangalore during 9-10th Feb, 2012. In the meeting, it was decided that sub-committee of CPDAC on Coastal Data Collection, Compilation and Publication would look into the matter with two additional members from CMFRI, Kochi and Salim Ali Centre for Ornithology and Natural History, Coimbatore.

Due to constraints of space / accommodation in Lakshadweep, it was decided to constitute a smaller inter-ministerial team consisting of nine members for visiting the various islands of Lakshadweep and suggesting further measures.

The expert team of Coastal Protection Development and Advisory Committee (CPDAC) under leader-ship of Chief Engineer (Flood Management), CWC visited the Lakshadweep during 16-20th April, 2013 and sent its report including recommendations to concerned authorities in Lakshadweep Administration in May, 2013 for needful action.

Representative of Lakshadweep and CW&PRS may appraise the committee in respect of Action Taken on recommendations of Expert Team in its report.

14.12 VENUE OF THE NEXT MEETING OF CPDAC

During last CPDAC meeting, it was decided that the venue of the next (14th) meeting may be considered in the Lakshadweep since its problems are different from the main-land and require a different approach. However, the Lakshadweep Administration informed that Lakshadweep consists of 10 inhabited islands scattered in Arabian Sea and it has limited accommodation facility. Hence the Administration has expressed their inability to host the meeting. Further to above, the Govt. of Gujarat was also requested to host the 14th meeting but they also expressed their inability to host the meeting due to winter session of Gujarat State Legislative Assembly scheduled during February- March, 2013.

It may be noted that as per GoI resolution regarding constitution of CPDAC, its meeting needs to be organized **twice** (at least) in a year. The same could not have been achieved in the past due to various reasons including delays in seeking consent from maritime States/UTs for hosting of the meetings.

It is proposed to conduct meetings of CPDAC on rotational basis in each maritime State/UTs in order to minimize the procedural delay.

Above proposals may be considered by the committee.

14.13 ANY OTHER ITEM WITH THE PERMISSION OF CHAIR

Annexure
(to para 14.10)

Table 1- Extent of coastal erosion problem in the State, district-wise

S.No.	Name of Village/Taluka/District	Length of coastline Affected by Erosion/Vulnerable Reach (In Km)

Table 2- List of Coastal Protection Works executed in affected areas/district

S.No.	Name of Place/Protection Work	Length (in Km)	Type of Work	Year of Construction	Expenditure (Rs. Crore)	Funding Sources
(Sample)	Village A, Taluka B, Dist. C	2.0	Sea Wall/Groyne etc.	1980	0.55	<ul style="list-style-type: none"> • State Govt. • Central Govt. • External Assistance • Finance Commission Grant etc.

Table 3 - List of Proposed Protection Works as per vulnerable areas (for 12th Plan)

S.No.	Name of Place/Protection Work	Length (in Km)	Type of Work	Estimated Cost (Rs. Crore)	Funding Sources
(Sample)	Village A, Taluka B, Dist. C	1.0	Sea Wall/Groyne etc.	6.50	<ul style="list-style-type: none"> • State Govt. • Central Govt. • External Assistance • Finance Commission Grant

Table 4- Summary

1	Length of Coastline of the State/UT (km)	
2	Length Coastline Affected by Erosion (Vulnerable Reach) (Km)	
3	Length of coastline Protected by Protection works (Km)	
4	Length of coastline Yet to be Protected (km) (row 2-3)	