

Ministry of Environment, Forest and Climate Change
National Plan for Conservation of Aquatic Ecosystems (NPCA) Scheme

Minutes of the Regional Workshop for Wetland Management of Wetlands in the Northern Region held on 16th and 17th December 2019 in Chandigarh under the chairmanship of Additional Secretary

A Regional Workshop was convened by the Ministry of Environment, Forest and Climate Change on 16.12.19 and 17.12.19 under the Chairmanship of Shri Ravi Agrawal, Additional Secretary, MoEFCC. List of Participants is at Annexure 1.

Member Secretary, Himachal Pradesh State Wetlands Authority (HPSWA) gave the welcome note. Joint Secretary, MoEFCC, presented the objectives of the workshop and recapitulated the Ministry's approach of formulating Integrated Management Plans (IMP) keeping in mind the health and threats to the wetlands. Additional Secretary, MoEFCC, noted the importance of state participation in Conserving, Preserving and Rejuvenating wetlands. It was emphasised that the workshop should help create a roadmap for the future.

Scientist 'F' presented the status of the 27 wetlands falling in the Northern Region out of the 130 wetlands of the country selected for restoration and rejuvenation in Phase-I.

Shri Suresh Babu, WWF - India, discussed the concept of Wetland Mitras and recapitulated the need to map and study wetlands and their zones of influence, strengthen the institutional aspects of management and operationalise the IMPs. The need to update the dynamic health scores was also stressed.

Dr. Ritesh Kumar, Wetland International South Asia, presented the rationale behind conducting condition assessment of wetlands prior to preparing management plans. An interactive session of the experiences, roadblocks and success of various site representatives followed.

As part of the hands – on workshop, the status of the 4 documents (Annexure 2) was discussed with the participants. The participants then discussed the IMPs prepared by them. For wetlands where plans had not been prepared, a peer – reviewed session to help prepare the outline followed.

The representative from Ladakh presented his management outline after the session.

Action Points

1. Decision: Completion and updating of brief documents, health cards and IMPs of all the sites.
Action: Final documentation to be completed by State Govt. and to be sent to the Ministry by January end.
2. Decision: Constituting *Wetland Mitras* in all sites, thus engaging more people, institutions, organisations and companies to contribute in the conservation of wetlands and diversifying funding to Private – Public Participation.

Action: Final documentation to be completed by State Govt. and to be sent to the Ministry by January end.

3. Decision: Shift from APOs to long-term integrated plans for comprehensive management.

Action: Site – specific activities, aligned with the threats derived from brief documents and problems highlighted in health cards, to be incorporated in the IMPs being prepared.

4. Decision: List of Wetlands (2 per District) for Phase 2 of the Programme to be finalised.

Action: The list prepared by the participants is annexed at Annexure 3.

5. Decision: Easy-to-understand infographics like the one created for Renuka Wetland, as a self-monitoring tool, to be got prepared for all the wetlands by the wetland managers.

Action: Final output to be sent to the Ministry.

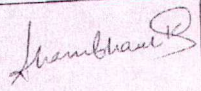
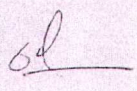
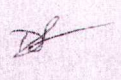
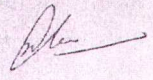
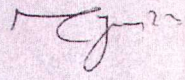
6. Decision: State – level training workshops to be conducted to scale – up the programme to Phase II.

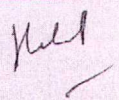
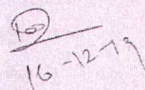
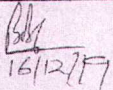

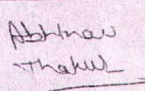

Action: The Workshops need to be conducted at the earliest.

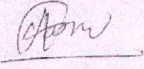

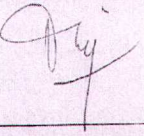
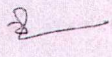
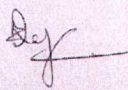
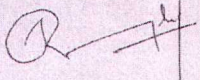
Closing remarks were given by the Joint Secretary. Joint Member Secretary, Himachal Pradesh State Wetland Authority (HPSWA) gave the Vote of Thanks.

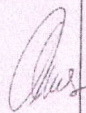

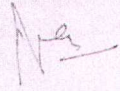

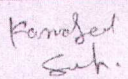
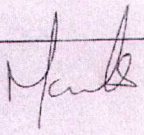
On 17th December 2019, field visit to the catchment area of Sukhna Lake, Chandigarh and Sukhna Wildlife Sanctuary was conducted.


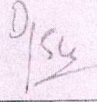
Two Days Regional Workshop on Conservation and Management of Wetlands
Dated: 16th & 17th December, 2019
at Hotel Shivalik View, Chandigarh
Registration Sheet

| Sr. No. | Name | Designation | Address | Contact No. | Email Address | Signature |
|---------|------------------------|---------------------------|--|-------------|---|---|
| 1 | SHAMBHAVI KRISHNA | MOEF&CC wetlands | B2 204 united residences Sector 33 Gurgaon | 9999189282 | shambhavi. krishna3194 @gmail.com |  |
| 2 | Om PRAKASH PRASHRAM | Ex En. (Civil) | D J B | 9650281628 | o5kwaterbody@ gmail.com |  |
| 3 | DHEERAJ SINGH | A.E (Civil) | Delhi Jaul Board | 9650311388 | dhccraj.djb @gmail.com |  |
| 4 | Rajesh Sharma | DFo (w) Shimla | DFo (w) Shimla 171002 | 9418055849 | dfow/shimla@ gmail.com |  |
| 5 | Dr. Rajan Singh | Wildlife Warden Kathua | Kathua, J&K | 9419154503 | wildlife kathua@ gmail.com |  |

| Sr. No. | Name | Designation | Address | Contact No. | Email Address | Signature |
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| 7 | Shiv Kumar Gang | Executive Engineer DDA/HDS | DELHI | 9313437770 | gargsk1962 @gmail.com |  16-12-17 |
| 8 | BRJPAAL SINGH | Executive Engineer EE/ED-3/DDA | Delhi | 9871192798 | bnj, kaly 1962 @yahoo.in |  16/12/17 |
| 9 | Anil Thakur | CCF (W) / H/S HD | H.P. | 94184-57800 | anil.thakur. ifs@gmail.com |  |
| 10 | Abhinav Thakur | Range Forest officer (Mandi division) | H.P. | 8289029636 | abhinav.thakur 199@gmail.com |  Abhinav Thakur |
| 11 | Rita Khanna | Sc. F MOEF | MOEF OA CC | 9810150470 | rita.khanna @nic.in |  |

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| 12 | Ashok Kumar | Joint Director | MOEF & CC | 9999631215 | Kumar.ashok23 @mic.in |  |
| 13 | SURESA BATHI | DIRECTOR | WWF-INDIA | 9818993999 | Suresh@ WWFIndia-uk |  |
| 14 | Dr. D.R. Thakur | Prof + Head Dept of Botany MPU Shimla | Dept of Botany MPU Shimla | 9618690268 | drdrt@ rediffmail.com |  |
| 15 | D.C. ARYA | DPO, Chakrata | DPO, Chakrata Kalsi | 9411113414 | dfo_chakrata -uk@ yahoo. co.in |  |
| 16 | Dr. A. Rayan | DCR Chd. | Sector 19B Chd. 160019 | 9013904883 | rayan.iitk @gmail.com |  |
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| 19 | Rajesh Kumar | DFO w/c Punjab Forest | Punjab Forest | 9814478402 | dfo wild life Punjab forest @ gmail.com |  |
| 20 | DR Ashok | H.V.S-1 Haryana Forest and Wildlife | Rohitale Haryana | 9812913333 | ashokkumar@ yahoo.co.in |  |
| 21 | Khushwinder Guru | DFO W/L Phillaur | Punjab | 9464267554 | dfo w/l phillaur @ gmail.com |  |
| 22 | Kamraj Singh | Forest Range officer Hau Kewatland | Ferozpur Punjab | 9814107711 | Kamraj Singh Ferozpur Punjab |  |
| 23 | Dr Monika Yadav | DFO W/L Ropar | Punjab | 9410573044 | dr.monika yadav |  |

| Sr. No. | Name | Designation | Address | Contact No. | Email Address | Signature |
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| 24 | Dr. Ritesh Kumar | DIRECTOR Wetlands IIC South Asia | A-25, Defence Colony | 24338904 | riteshkumar @wii-sa.org |  |
| 25 | Dpsham Dewar | Wildlife warden wetlands Kashmir | Shivpura, Srinagar | 9419173393 | Dpsham - dewar @wii-sa.org |  |
| 26 | Mr. D.C. Rana | Member Secretary HPSWA | | | | |
| 27 | Mr. Sunny Sharma | Joint Member Secretary HPSWA | | | | |
| 28 | Mr. Ravi Sharma | Programme Co-ordinator HPSWA | | | | |
| 29 | Mrs. Jyoti Kumari | Project Associate (Wetlands) HPSWA | | | | |

Annexure 2

Status of Wetlands of Northern Region as on 16th December 2019

| S.No. | State | Wetland | Brief Document | Health Card | Mitras | IMP |
|-------|-----------------------------|-----------------------------|----------------|-------------|--------|-----|
| 1 | Delhi(5) | Sanjay | Yes | Yes | No | No |
| 2 | | Hauz Khas | Yes | Yes | No | No |
| 3 | | Bhalaswa Lake | Yes | Yes | No | No |
| 4 | | Smritivan Lake(Kondli) | Yes | Yes | No | No |
| 5 | | Smritivan Lake(Vasant Kunj) | | | | |
| 6 | Himachal Pradesh(6) | Chandertal | Yes | Yes | No | Yes |
| 7 | | Pong Dam | Yes | Yes | Yes | Yes |
| 8 | | Renuka | Yes | Yes | No | Yes |
| 9 | | Parashar | Yes | Yes | Yes | Yes |
| 10 | | Rewalsar | Yes | Yes | Yes | Yes |
| 11 | | Khajjiar | Yes | Yes | No | Yes |
| 12 | Punjab(5) | Harike | Yes | Yes | Yes | Yes |
| 13 | | Kanjli | Yes | Yes | Yes | Yes |
| 14 | | Ropar | Yes | Yes | Yes | Yes |
| 15 | | Keshopur | Yes | Yes | Yes | Yes |
| 16 | | Nangal | Yes | Yes | Yes | Yes |
| 17 | Haryana (2) | Bhindawas | Yes | Yes | Yes | Yes |
| 18 | | Sultanpur | Yes | No | Yes | Yes |
| 19 | Uttarakhand (2) | JhilmilJheel | Yes | Yes | No | Yes |
| 20 | | Asan | Yes | Yes | No | Yes |
| 21 | Chandigarh (1) | Sukhna lake | Yes | Yes | Yes | No |
| 22 | Jammu, Kashmir & Ladakh (6) | Hokera | Yes | Yes | No | Yes |
| 23 | | Surinsar-Mansar | Yes | Yes | No | Yes |
| 24 | | Wular | Yes | Yes | No | Yes |
| 25 | | Pangong | No | No | No | Yes |
| 26 | | Gharana | Yes | Yes | No | Yes |
| 27 | | Tsomoriri | Yes | No | No | Yes |

**Tentative List of Wetlands suggested by the Northern Region Workshop's participants
for next phase**

| Sr.No. | State/UT | District | Wetland |
|--------|------------------|----------------|----------------------------------|
| 1 | Himachal Pradesh | Kangra | Dal Lake |
| 2 | | | Kareri Lake |
| 3 | | Chamba | Chamera |
| 4 | | | Theen Dam |
| 5 | | | Manimaesh |
| 6 | | Una | Gobind Sagar Lake |
| 7 | | Bilaspur | Rewal Hatwar |
| 8 | | Hamirpur | Tal (Sujanpur Tihra) |
| 9 | | | Tihra (Sujanpur Lake) |
| 10 | | Lahaul & Spiti | Suraj Tal |
| 11 | | | Dhankar Lake |
| 12 | | | Deepak Tal |
| 13 | | Kullu | Bhrigu Lake |
| 14 | | | Serolsar Lake |
| 15 | | Mandi | Kamrunag Lake |
| 16 | | | Kunt Bhayog Lake |
| 17 | | Kinnaur | Nako Lake |
| 18 | | | Raksham Lake |
| 19 | | | Bari Lake (Nichar) |
| 20 | | Shimla | Chandra Nahan Lake |
| 21 | | | Tanu Jubbar Lake |
| 22 | | | Kol Dam |
| 23 | | Solan | Kunihar Lake |
| 24 | Kashmir | Baramulla | Haigam Wetland |
| 25 | | Bandipora | Malgam Rakh |
| 26 | | Ganderbal | Shallabugh & Associated Wetlands |
| 27 | | Budgam | Narkara Wetland |
| 28 | | Srinagar | Anchar Lake |
| 29 | | | Gilsar Lake |
| 30 | | | Khushal Sar |
| 31 | | Pulwama | Fushkooori Wetland |
| 32 | | | Chathlam Wetland |
| 33 | | | Manibugh Wetland |
| 34 | | | Krenchoo Wetland |
| 35 | Jammu | Kathua | Ranjit Sagar Dam |
| 36 | | Rajouri | Simar Sar |
| 37 | | Poonch | Sannam Sar |
| 38 | Ladakh | Leh | Tsokar |
| 39 | | | Chushul |
| 40 | | Kargil | Rangdum |

| | | | | |
|----|---------|--------------|--|---------------|
| 41 | | | Penzila Lakes | |
| 42 | Haryana | Bhiwani | Adjoining Dhanana | |
| 43 | | Jhajjar | Bhindawas | |
| 44 | | Faridabad | Manekole Wetland | |
| 45 | | Gurugram | Basai Wetland | |
| 46 | | | Sultanpur Bird Sanctuary | |
| 47 | | Hisar | Adjoining Dharsol | |
| 48 | | | Adjoining Kirmara | |
| 49 | | Karnal | Adjoining Ghiar | |
| 50 | | Kurukshetra | Chilchala Wetland | |
| 51 | | Mahendragarh | Adjoining Bohjawas | |
| 52 | | Rohtak | Adjoining Bhadurgarh | |
| 53 | | Sonipat | Mohmedabad Marshes | |
| 54 | | Yamunanagar | Western Yamuna Canal Wetland | |
| 55 | | | Yamuna River Associated Wetland | |
| 56 | | Panchkula | Thana Wetland | |
| 57 | | Rewari | Masani Barrage | |
| 58 | | Jhajjar | Bhindawas | |
| 59 | | Delhi | | Hauz-e-Shamzi |
| 60 | | | | Tikri Khurd |
| 61 | | | Baoli – III, Tughlaqabad | |
| 62 | | | Baoli – IV, Tughlaqabad | |
| 63 | | | Sector 21, Dwarka | |
| 64 | | | Sector 23, Dwarka | |
| 65 | | | Poochanpur, Dwarka | |
| 66 | | | Dhool Sinas | |
| 67 | | | Rani Khera | |
| 68 | | | Sinaspur | |
| 69 | | | Mehrauli Archaeological Park Oxidation Pond | |
| 70 | Punjab | Mohali | Siswan | |
| 71 | | Kapurthala | Theh Kanjla | |
| 72 | | | Ranipur Phagwara | |
| 73 | | Ludhiana | Bhamadi | |
| 74 | | Jalandhar | Dhogri | |
| 75 | | Gurdaspur | Chawarian Bhangar Chamb | |
| 76 | | | Jastarwal Jheel | |
| 77 | | | Shala Pattan | |
| 78 | | Hoshiarpur | Dholbaha | |
| 79 | | | Maili | |
| 80 | | Ludhiana | Jamal Pur | |
| 81 | | Ferozepur | Manumashi | |
| 82 | | Amritsar | Ghuman | |
| 83 | | | Wazir Bhullar | |
| 84 | | SBS Nagar | Mand Bhartala | |
| 85 | | Patiala | Lobana | |
| 86 | | Sangrur | Gobindgarh Khokar | |
| 87 | Mansa | Bareta | | |