

**Proceedings of the  
Meeting on DPR preparation for Rejuvenation of Mahanadi River  
through Forestry Interventions  
On 25<sup>th</sup> October 2019**

**Venue - Khordha Conference Hall,  
Khordha Forest Division, Odisha**

The meeting on DPR preparation for Rejuvenation of Mahanadi River through Forestry Interventions was organized by Institute of Forest Productivity, Ranchi, Jharkhand in collaboration with the Khordha Forest Division, Odisha. The dignitaries included Sri Sudeep Nayak, DFO, Khordha and Sri Dhananjay HD, DFO Nayagarh and representative of DFO Chandaka ACF, Sri Ramakanta Nayak including Dr. P. K. Das, Scientist-D and Sri R. S. Prasad, CTO from Institute of Forest Productivity, Ranchi and delegates from the forest department ACF and Forest Range officer participated in the meeting organized in the DFO office on 25.10.2019 from 11.A.M. onwards. All staffs are actively participated in the meeting and discussed about the data format.

The meeting was organized with the objective to discuss and demonstrated the data collection formats to the delegates of forest department of Khordha, Nayagarh and Chandaka to ensure collection of required data, establishment of proper understanding, planning and acceptance of models at the end with due consensus.

At the outset, Sri Sudeep Nayak, DFO Khordha, welcomed all the dignitaries and the delegates and introduced the participants about the importance and the need for conducting the field training programme on Mahanadi River Rejuvenation and DPR preparation. After the brief introduction about DPR, he highlighted the important of the DPR of the Mahanadi in future and instructed the entire official to submit all the required data as per the format within time frame. DFO, Nayagarh also suggested valuable suggestion, how to prepare of proposal regarding Eco-tourism, plantation programme, arrangement of different types of land and engagement of local NGOs and other people those are involve in these activities.

Besides, speaking on importance of conserving rivers by increasing plantation area, he introduced the objectives of the meetings to the house and called for an in-depth deliberation from all the participants, who would play a vital role in field data collection. He also highlighted the need for creation of baseline data for DPR preparation. He outlined the importance of this DPR project and instructed all the official of Khordha, Nayagarh and Chandaka divisions to collect the required information as given in the data formats.

Dr. P. K. Das, Scientist-D of Institute of Forest Productivity presented the PPT of format and introduce to the official to how data will be collected from the field. The program received overwhelming response from the DFOs of Khordha, Nayagarh and Chandaka Forest division including front line staff of the respective forest divisions. He also requested the delegates to deliberate on the requirement of buffer zones in the riverscape to be decided for consideration of interventions, like 5 km along the Main River and 2 km

along the tributaries and distributaries. He emphasized on field level data collection and regular meetings to consider the suitable land for plantation. He also focused on importance of consent of local people to evict the area if needed.

Dr. P. K. Das, Scientist-D, Institute of Forest Productivity, Ranchi, Jharkhand, talked about different baseline data required and their relevance in the study. Further, he discussed the importance of SMC works, pit size, GPS co-ordinates of the site as per the shape of site. Sri R.S. Prasad, Chief Technical Officer, Institute of Forest Productivity, Ranchi, Jharkhand, also suggested important of the species as per the availability and type of the land will be proposed for the plantation programme.

Dr. P. K. Das Scientist-D and Sri R. S. Prasad, CTO, Institute of Forest Productivity talked about the attribute data sets that would be required to be gathered as per the formats devised for gathering of detailed activity wise information. Proforma of Natural Landscape, Agricultural Landscape, urban landscape, other interventions and other activity to be carried out for the rejuvenation of Mahanadi River. Name of the activity and financial outlay was described for all the five sets of data format. They underlined the need of the Geographical details, Baseline data, GPS Coordinates to be collected for the DPR Mahanadi project. They explained that this is with regards to the collection of information and relevant data for sites i). Where the forestry interventions have already been carried out in the past and ii) New site to be proposed for forestry interventions for the Mahanadi river project.

The house was informed to collect the GPS co-ordinates of above mentioned three sites so as to compile them and come out with proposed Model of forestry interventions under this project. The requirement of current status of flora and fauna, land use, legal status of land, geology and soil type, slope and aspect, average annual rainfall, special features of the site to be collected in the data format were explained in detail. As a guide line tributary distance from Main River, Suggestive species for plantation, pit size, details about the fencing works for safety of plants, details of SMC works, planting cost, maintenance of plants in subsequent four years of plantation under this DPR Mahanadi project were also discussed. During the presentation, queries to fill the data format raised by the Range Officers and Forest officers were also discussed in detail and satisfactorily replied by the resource persons of IFP, Ranchi. They discussed about the plantation of pure line species in some places where as in other places planted with the companion species.

The formal Vote of Thanks for the meeting was proposed by Shri Sudeep Nayak DFO, Khordha, who thanked all the dignitaries of IFP, Ranchi and the delegates of Khordha, Nayagarh and Chandaka Forest Divisions for their active participation, deliberations and organizing the event successfully and showing keen interest in generating the information required for the project.

The Institute of Forest Productivity, Ranchi also thanks all the DFO, ACF and Range officer for their valuable and fruitful discussion in the meeting.

