# Ministry of Population and Environment (MoPE) Department of Hydrology and Meteorology (DHM) Community Based Flood and Glacial Lake Outburst Risk Reduction Project (CFGORRP) Field Visit Report

Team Member: Govind Acharya, Technical Advisor

#### Overall objective of the field visit/ mission:

- To accompany with International Consultant (IC) who is responsible to conduct Mid-Term Review (MTR) of CFGORRP
- To facilitate the consultant for community interactions and discussions in the field
- To undertake field monitoring in Udayapur and Mahottari districts

### 1. Key activities carried out based on the travel itinerary :

Date/ Day	Districts/VDCs visited	Persons/ Groups interacted with	Description of Field visit Program/Activities
Day 1: 19/04/2016	FCO, Lahan	MTR – IC, DPC, DPO, AFA	<ul> <li>Reached at FCO Lahan at 4 pm after Kathmandu-Janakpur flight.</li> <li>Participated in a presentation made by DPC Lahan.</li> <li>Interacted with MTR-IC and responded all the queries raised by him regarding the Flood Risk Reduction (FRR) initiatives in the four project districts by the project.</li> </ul>
			<ul> <li>Night Stay at Simrik Hotel, Lahan.</li> </ul>
Day 2: 20/04/2016	Hadiya and Jogidaha VDCs and Gaighat in Udayapur District	VDC Secretary - Hadiya, CDMC and local communities Hadiya and Jogidaha, DSCO officer – Udayapur and DPOs, DPC and MTR - IC	<ul> <li>Travelled to Hadiya and Jogidaha from Lahan.</li> <li>Interacted with local communities and CDMC members from Hadiya and Jogidaha.</li> <li>Facilitated the interactions and discussions between local communities and IC – MTR. The IC inquired the local communities on types of support provided to them by the project and sustainability of local institutions and physical interventions related to FRR. The communities responded that the</li> </ul>

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			<ul> <li>institutions were legally formed in accordance with LDRMP guidelines endorsed by MoFALD and they would make regular follow up to VDC and DDC for the operation and maintenance of the these interventions.</li> <li>Jointly inspected the previously constructed sediment control measures, early warning system, equipment provided to taskforce members in Hadiya and Jogidaha. These physical interventions along with provided equipment were found in very good condition.</li> <li>Inspected the under construction sediment control measures from quality assurance point of view and found that they are meeting the design standards.</li> <li>Faciliated the interaction between MTR - IC and DSCO officer Udayapur at Gaighat. DSCO officer responded all the queries raised by the IC on sustainability of the project interventions and coordination between the project and DSCO.</li> <li>Night Stay at Hotel Yalambar, Gaighat,</li> </ul>
Day 3: 21/04/2016	Nainhi and Sarpallo in Mahottari District	VDC Secretary-Nainhi, CDMCs and local communities of Nainhi and Sarpallo, DPO- Mahottari, DPC and MTR - IC	<ul> <li>Udayapur.</li> <li>Travelled to Nainhi in Mahottari district from Lahan.</li> <li>Facilitated an extensive interaction between IC-MTR and VDRMC, Nainhi, CDMC and other local communities on the usefulness of FPDS and ETWs during flooding. Communities, CDMC and VDRMC responded well on the concerns raised by IC – MTR on operation and maintenance of these interventions in a sustainable manner. They</li> </ul>

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			<ul> <li>said they would regularly approach to VDC and DDC for the required support for the sustainable operation of these interventions.</li> <li>Inspected the under construction Evacuation Center (EC) at Nainhi.</li> <li>Travelled to Sarpallo after lunch at Janakpur.</li> <li>Interacted with local communities after inspecting the under construction EC, Early Warning System and constructed sediment control measures at Sarpallo. The interaction mainly focused on training and mock drills provided to them, operation and maintenance of the project interventions for which communities briefed their action plans to approach to DDC, DWIDP, DSCO and VDC to request the fund required for the repair and maintenance of the project interventions.</li> <li>Night Stay at Gautam Hotel at Bardibas.</li> </ul>
Day 4: 22/04/2016	Tulsi, of Dhanusha	Local communities of Tulsi of Dhanusha district, DPO- Mahottari, DPC and MTR - IC	<ul> <li>Travelled to Tulsi of Dhanush district from Bardibas to interact and discuss the local communites in the upstream of Ratu. Communities responded all concerns raised by MTR - IC which were largely related to sustainability of the project interventions in their locality.</li> <li>Inspected the ongoing construction activities at Tulsi.</li> <li>Travelled to Bardibas to interact the gauge reader for Bardibas Early Warning System. The gauge reader replied all the questions made by the consultant primarily on the operation of the flood monitoring station and collection, communication and</li> </ul>

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			dissemination of the information to the nearby and downstream communities.
			<ul> <li>Travelled to Janakpur to catch Janakpur-</li> </ul>
			Kathmandu flight and reached to Kathmandu at about 2:30 pm

## 2. <u>Major observations/findings made from the field visit/ mission:</u>

- Followings are the major achievements till the time of field monitoring
  - All the interactions between MTR IC and communities, CDMC, VDRMC and district level governmental officials were noticed to be effective to the IC to prepare MTR report.
  - The construction quality related to earthen embankment in Udayapur and Mahottari was found to be satisfactory.
  - Sediment trap measures at Korung Khola for gulley control purpose are now under construction.
  - $\circ~$  ECs at Sarpallo and Nainhi are now under construction phase.

#### 3. Key Recommendations and Conclusions:

- Interactions with local communities, CDMCs, VDRMC and district level officials were undertaken with very positive responses and feedbacks from them.
- Sustainability of the project interventions should be ensured by regular consultation and coordination with district level agencies such as DWIDP, DSCO, DDC and VDC.
- Locally available and suitable vegetation species are to be planted in the project area as bioengineering measures.

#### 4. Outputs from the Field Visit/ Mission:

- Field investigation along with extensive interactions at different levels was conducted by the IC MTR.
- Quality of the visited interventions were assessed.

#### 5. <u>Likely Follow-ups that might be necessary after the visit (What Next?):</u>

 Frequent monitoring and regular follow up will have to be done as per need for quality assurance of project's interventions.

#### 6. <u>Major changes observed, if any, since the last field visit made:</u>

- Evacuation Centers (ECs) are now under-construction in Sarpallo and Nainhi VDCs, Mahottari district.
- Sediment control measures are being constructed in Uayapur and Mahottari districts.

 A large number of communities in Mahottari and Udayapur has been covered by the flood risk reduction initiatives and local vulnerable people have felt that they are now safe from the recurrent flood risk. In some cases, they have reclaimed their lost land due to previous floods and started cereal farming.

Date: 25/04 /2016

Prepared and Submitted by: Govind Acharya, Technical Advisor

Submitted to: Top B Khatri, National Project Manager