भारत सरकार
भारत मौसम विज्ञान विभाग
महासागर भवन, सी. जी. ओ. कोम्पलैक्स
लोदी रोड़, नई दिल्ली - ११० 003

Government of India
India Meteorological Department
Mahasagar Bhavan, C.G.O. Complex,
Lodi Road, New Delhi – 110 003

Date: 11.04.2017

Dr. K. K. Singh
Head, Agromet Advisory Services Division

The Director
Indian Institute of Tropical Meteorology (IITM)
Dr. Homi Bhabha Road
Pashan, Pune – 411008

Sub. : Approval of collaboration of IMD and IITM with IRI for JEEViKA-IRAP project: "Integration of Climate Information into JEEViKA for Climate Resilient Livelihood in Bihar, India".

Sir,

JEEViKA-IRAP is a collaborative project between the Bihar Rural Livelihood Promotion Society (BRLPS), an initiative of the Government of Bihar for poverty alleviation; and the International Research Application Program (IRAP) of the University of Arizona and the International Research Institute (IRI) at Columbia University, supported by the National Oceanic and Atmospheric Administration (NOAA) of the United States.

On request of Dr. Lisa Goddard, IRI Director on collaboration of the above mentioned project involving IMD and IITM, Dr. Rajeevan, Secretary, Ministry of Earth Sciences kindly consented to facilitate the collaboration on November 23, 2016.

Subsequently, on February 7, 2017, Dr. Andrew Robertson (IRI) and other US scientists met with Dr. K.J. Ramesh (DG, IMD) in his office at IMD, New Delhi to discuss on the collaboration of IMD and IITM with IRI for the above mentioned project. Scientists from AASD & NWP divisions of IMD were also present. As a follow up, Dr. Robertson submitted the concept note for the partnership of IRI, Columbia University and University of Arizona with IMD and IITM in the context of JEEViKA-IRAP project.

DG, IMD has approved the partnership, as proposed by IRI, with the JEEViKA-IRAP project on the following four elements:

1. Exchange of IMD gridded daily precipitation (0.25-degree) & temperature (0.5-degree) and station data to IRI, to be stored in IRI's Data Library, with access restricted to JEEViKA-IRAP project use.
2. Collaboration between IRAP and IMD scientists on aspects pertaining to the use of historical and monitoring of precipitation and temperature data for improving rural livelihoods in Bihar, as well as 1–5-day weather forecasts produced by IMD.
3. Exchange of IMD/IITM seasonal forecasts (real-time forecasts and hindcasts) produced by Dr Suryachandra Rao's group at IITM on an ftp site, to be stored in IRI Data Library, for use by IRI as part of their multi-model seasonal forecast system, and made available publicly for scientific community access.
4. Exchange of IMD/IITM extended range forecasts to the WWRP/WCRP Sub-seasonal to seasonal prediction (S2S) project database at ECMWF, through Dr A.K. Sahai's group at IITM.

The partnership will begin no earlier than March 2017, and end no later than August 31, 2018, when the Jeevika-IRAP project is scheduled to be completed. Extension of this partnership between

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IRAP and IMD beyond August 31, 2018 will be considered if funding is available and upon mutual agreement between IMD and IRAP.

Dr. Andrew Robertson will act as the IRAP primary point person for the partnership for IRI. The data outlined in item 2 above will be exchanged online via ftp. The IRI Data Library software will be made available to IMD for use.

This is for your kind information and further action regarding Items 3 & 4 mentioned above at your end.

Yours sincerely,



(K. K. Singh)

Copy to:

1. Dr. A. K. Sahai, Scientist G, & Head, OCR & ADGM, IMD, Pune
2. Dr. Suryachandra A. Rao, Scientist F, IITM, Pune
3. Dr. M. Mohapatra, Scientist-G & Head (Services), IMD, New Delhi
4. Dr. Andrew W. Robertson, Senior Research Scientist, International Research Institute for Climate and Society (IRI), USA

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