Training on Emerging Approaches in Processing of LRI Inputs for Preparation of Atlas under REWARD Program for Partner Institutes
Date: 3-5 December, 2024
Venue: CoE-WM, UAS, Bangalore

SESSION PLAN

#	Topic	Time (hrs)	Method	Resources required	Resource person
Day-1: 03.12.2024					
1	Registration and pre-test	09.30 10.30	Online	Participants' mobile phone	CoEWM team
2	An overview of REWARD program	10.30 11.30	Discussion Video	1.Reference Material 2.PPT on the topic	Prakash N B Nagaraja, N
3	Process followed in: Image interpretation, Generation of LCC and land suitability for crop data, Soil fertility data, generation, Atlas preparation, Map preparation and spatial data generation, Rainfall Indices, ET, Runoff estimation, Water Balance, proposed SWCS, groundwater status, sub-watershed atlases	11.30 13.30	Experience sharing by the participants	PPT on the methodology followed by the participants	Moderators: Rajendra Hegde Premanand, B D Dasog, G S
4	Methodology followed under REWARD: Image interpretation, Map preparation and spatial data generation, Atlas preparation, Generation of LCC and land suitability for crop data, Soil fertility data generation	14.30 16.30	Discussion	PPT on the topic	Rajendra Hegde Vasundara R
Day-2: 04.12.2024					
5	Methodology followed under REWARD: Rainfall Indices, ET, Runoff estimation, Water Balance, proposed SWCS, groundwater status, sub-watershed atlases	09.00 11.00	Discussion	PPT on the topic	Sekhar Muddu Premanand, B D

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6	DSSs used under REWARD - Soil and water conservation (DSS-1), and nutrient management (DSS-4)	11.00 13.00	1.Discussion 2.Exercise on SWC measures & fertilizers estimation	1.PPT on the topic 2.DSS book 3.Note sheet for group exercise	Thimmegowda, M N Divyashree, K S
7	DSSs used under REWARD - Land capability classification (DSS-3), and preparation of crop selection (DSS-2)	14.00 17.00	1.Discussion 2.Exercise on LCC classes, and crops selection for given soil phases	1.PPT on the topic 2.DSS book 3.Note sheet for group exercise	Ramamurthy, V Niranjana K V Sagar, R
	Day-3: 05.12.2024				
8	Use of automated DSSs tool for SWC, LCC, crop selection, and nutrient management	09.00 11.00	1.Discussion 2.Exercises	1.Manual 2.DSS book	Virupaksha, H S Sagar, R
9	ArcGIS tools for efficient GDB creation, clip analysis, and spatial tasks	11.00 13.00	1.Discussion 2.Exercises	Spatial datasets	Virupaksha, H S Pruthviraj N
10	Digital library and LRI portal for accessing information	14.00 15.30	1.Discussion 2.Exercise	1.Net connectivity 2.Interactive board 3.Participants' laptops	Virupaksha, H S Lakshminarayana S V
11	Training feedback and evaluation	15.30 16.30	Online	Participants' mobile phone	CoEWM team

Details of Resource persons

CoE-WM Research Team: Drs: Divyashree, K. S., Lakshminarayana, S. V., Pruthviraj N., *Sagar, R., & Virupaksha, HS*

Dr. Dasog, Consultant, CoE-WM, GKVK, Bengaluru

Dr. Nagaraja, N., Consultant, CoE-WM, GKVK, Bengaluru

Dr. Niranjana, K.V., Consultant-REWARD, RC-NBSS&LUP, Hebbal, Bengaluru

Dr. Prakash, N B, Special Officer, CoE-WM, UAS, Bangalore

Dr. Premanand, B.D., Associate Professor, CoAE and Coordinator, CoE-WM, GKVK, Bengaluru

Dr. Rajendra Hegde, Principal Scientist, RC-NBSS&LUP, Hebbal, Bengaluru

Dr. Ramamurthy, V, Principal Scientist and Head, RC-NBSS&LUP, Hebbal, Bengaluru

Dr Sekhar Muddu, Professor and Nodal Scientist REWARD, IISc, Bangalore

Dr. Vasundhara, R, Senior Scientist, RC-NBSS&LUP, Hebbal, Bengaluru