"Do it yourself: Make your online GIS 'Water Watch' dashboard"

(A Workshop/Training on Online GIS Water Applications for State WRD's)
Delivery Board: Virtual (MS Teams); Technology: Esri ArcGIS
Duration: 4 Days (@ $3\frac{1}{2}$ Hrs/Day), Dates: TBD; Timing: 10AM-2PM

	DAY 1	Duration	Resource Person
1	Training Objective and Overview	15 Min	NMPU/World Bank (WB) & Esri India
2	Overview of WB State Online GIS 'Water Watch' Dashboard/Portal – Data/Data Model, Technology/System Requirement Database and other Pre-Requisites	45 Min	West Bengal SWID and Esri India
2	Introduction to Data Ingestion/Authorization – Creation, Collation of data to Database (PostGRES) Publishing the data as Web Service (WMS/WFS etc)/Web Map	15 Min	Esri India Team
3	Create Content over Web Creation Or Modification of WebMap Configure Web Application using Templates	15 Min	Esri India Team
4	Hands On	60 Min	State WRDs
5	Hands on Result Display by Teams	20 Min	State WRDs
6	Concluding Remarks	10 Min	NPMU/WB Team
	DAY 2		
1	Create Content Over Web Configure Web Application using Web App Builder Configure Operations Dashboards	30 Min	Esri India Team
2	Hands On	60 Min	State WRDs
3	Hands on Result Display by Teams	20 Min	State WRDs
4	Configure Mobile Apps for Field Data Reporting Configure Story Maps for Case Study /Project Success Story Dissemination	30 Min	Esri India Team
5	Hands On	60 Min	State WRDs
6	Hands on Result Display by Teams	20 Min	State WRDs
7	Concluding Remarks	10 Min	NPMU/WB Team
	DAY 3		
1	Setup you Portal Home Page Create Groups and Members Monitor Activities Log using Portal	20 Min	Esri India Team
2	Hands On	30 Min	State WRDs

3	Hands on Result Display by Teams	10 Min	State WRDs

4	Data Atomization-
	    Synchronizing Encardio Data to Database
	    Pushing API's data to Web Applications
		45 Min	Esri India Team

5	Discussion and Closure	15 Min	All
	DAY 4		
1	Showcasing a Pilot Project Developed by the Participants using their own data.	90 Min	State WRD's
2	Esri Water Resources Overview and Demand Bases Session (if any)	60 Min	Esri India Team
3	Road Ahead	30 Min	NPMU/WB/Esri India and State WRD's

Requirement –

1. Every State WRD will need to crate an ArcGIS Online Account. (https://www.arcgis.com/home/createaccount.html)
2. Mobile Apps to be downloaded – ArcGIS Field Maps and Survey 123
3. Participants should have GIS knowledge and hands on using ArcGIS Desktop.
4. Participants interested in Day 3, S.No.4 should have .NET programing, Esri API's and RDBMS (spatial context) knowledge.

"Do it yourself: Make your online GIS 'Water Watch' dashboard" 2