



# MIKE HYDRO BASIN TRAINING- HANDS ON

12/10/2020 to 16/10/2020

By Jala Alora

Training schedule		Date & time
<b>General Introduction</b>		12/10/2020
	Webinar from DHI	11:30 am to 1:00 pm
	What is MIKE HYDRO Basin	
<b>Catchments</b>		12/10/2020
	Map and shape file overlay	3:00 pm to 4:30 pm
	Catchment delineation	
	Import river network from shape file	
	Digitizing Catchments	
<b>Rainfall runoff modelling</b>		13/10/2020
	NAM autocalibration	11:30 am to 1:00 pm
	NAM and groundwater	
<b>Water users</b>		13/10/2020
	Water user specifications	3:00 pm to 4:30 pm
	Supply by priority / fraction rule	
	Losses	
	Min flow rule	
	Bifurcation	
<b>Reservoirs</b>		14/10/2020
	Reservoir characteristics	11:30 am to 1:00 pm
	Rule curve	
	Spillways	
	Storage demand	
	Remote flow control	
	Reservoir sedimentation	
<b>Hydropower</b>		14/10/2020
	Hydropower production	3:00 pm to 4:30pm
	Hydropower and minimum flow	
<b>Groundwater modelling</b>		15/10/2020
	Catchment groundwater	11:30 am to 1:00 pm
	Water user pumping	3:00 pm to 4:30pm
	Seepage from river, reservoir	
<b>Irrigation</b>		16/10/2020
	Crop water requirement	11:30 am to 1:00 pm
	Rice crop modelling	
	Climate model for ETO	3:00 pm to 4:30pm
	Irrigation scheme and groundwater interaction	