



Hydrological Modelling of the Water Stewardship Portal Training

Date: 9th -10th May 2019

Venue: Water Resource Authority (WRA) Tana Regional Office, Embu

About the Training

The training aims at building capacity to use the Water Stewardship Portal (WSP) through a generic SWAT model to explore the various features and functionalities of the portal and share on its application in the Tana River basin and explore how the tool may be used to produce spatially distributed estimations of the water balance component across the river basin. The WSP is useful to provide new insights on regional water risks to inform investment plans and conservation strategies. The training will also focus on how data from different sources can be collated, organized and shared on a public platform, accessible to a range of users that can be used by non-specialist audiences to understand catchment water balances (at practical spatial and temporal resolution). The model can be used to assess impacts of climate change and other uncertainties and how it may be used to consider various response strategies. This training will provide a deeper understanding of how SWAT can be used to analyze scenarios in support of water resources planning.