



Learning Outcome

- Investigate rainfall/runoff for catchments of various slopes
- Demonstrate erosion from water flow
- Study interflow impact on hydrographs
- Observe sediment transport and river meanders
- Measure and compare cone of depression for wells
- Examine de-watering of excavation sites.
- Analyze confined aquifer well flow.
- Demonstrate island watersheds with rainfall and wells
- Investigate scour around bridge piers

Specification

- Catchment Area for rain flow and river flow simulator : 2 m length * 1 m width (customizable)
- Water pump : 0.5 HP to 5 HP
- Water storage tank : 100 L to 1000 L
- Water flow totalizer
- Water rotameter
- Manometric tubes arrangement
- Acrylic doors for visualization rain
- Screw jack mechanism for tilting bed
- Manual control panel
- Different types of obstacles and convergent-divergent modules
- Fully automatic system (optional)



Contact Us:

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