




# Deswik.Enviro

## Water Catchment Analysis

TRAINING MODULE PROFILE

 PROGRAM	 DURATION	 DELIVERY	<b>1.12</b> MODULE ID
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The suite of Deswik.Enviro tools has been developed for mines looking to optimize their rehabilitation and closure outcomes and manage the risks involved in mining with challenging environmental constraints. The Water Catchment Analysis tool enables you to perform a catchment analysis over any existing or predicted post-mining surface. Pit designers and rehabilitation planners can get immediate feedback on the impacts of design decisions on where water flows, allowing optimization and better decision making.

This module takes you through the process of setting up a water catchment analysis project and using the tools to define, review and report on the outcomes of the analysis.

### Setting up a project

- Using the installed process map
- Importing your topography
- Drawing boundaries
- Running the analysis tool

### Reviewing the analysis

- Catchment polygons and connections
- Drainage lines
- Storage capacity solids and polygons
- Spill and sink points
- Flow accumulation indicators

### Producing water storage curves

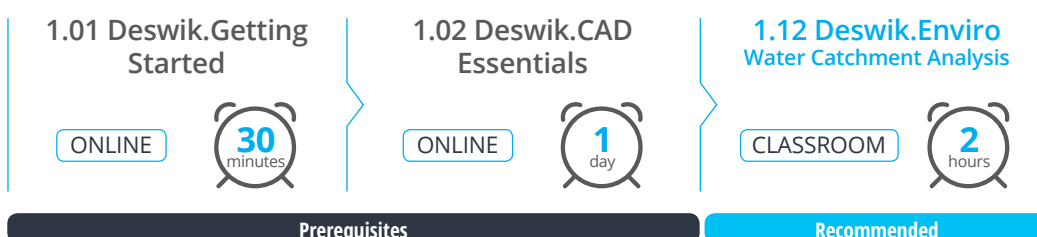
- Create and report on incremental volumes and surface area polygons
- View snapshots of water storage areas

### Exporting shapefiles for ArcGIS review

- Catchment areas
- Water storage
- Draining
- Sink and spill points

## Deswik.Enviro - Water Catchment Analysis

### Training Pathway



To be done immediately following the prerequisite modules.