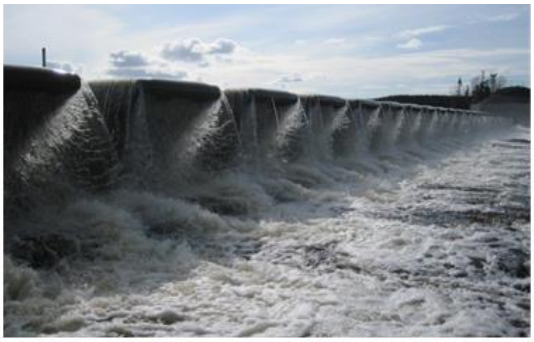
Water Resource Engineering

Hydrologic & Hydraulic Modeling
"Waterfall Effect"



Data Collection	Data Analysis	Modeling	Model Output	Results
Gauged Flows	Independence	Hydrology Model	Flood Hydrographs	Inundation Mapping
Rainfall Data	Homogeneity	Hydraulic Model	Regulating Curves	Freeboard Allowance
Building Codes	Characteristics	Dambreak Model	Dambreak Discharge	Yield Requirements
Site Survey				Deficiencies

Water Resource Engineering seeks to establish relations defining the spatial, temporal, seasonal, annual, regional, or geographical variability of water, with the aim of ascertaining societal risks involved in sizing hydraulic structures and systems. The approach used in an analysis may depend upon the size of the system being studied, as we can model small, midsize, and large catchments.

Meco can help you with your water resource needs, including

Frequency Analysis & Regional Analysis
Reservoir Routing and stage modelling
Stream Channel Routing and spillway sizing
Catchment Modeling & Routing, stilling design
Inundation modelling of dam failures

Would You like to understand your hydrology Better? Call or email!