Ribasim Home

RIBASIM

RIBASIM (River Basin Simulation Model) is a generic model package for analyzing the behavior of river basins under various hydrological conditions. The model package is a comprehensive and flexible tool which links the hydrological water inputs at various locations with the specific water-users in the basin. RIBASIM is designed for river basin planning and management and follows a structured approach to river basin planning and management. RIBASIM enables the user to evaluate a variety of measures related to infrastructure, operational and demand management and the results in terms of water quantity and water quality. RIBASIM generates water distribution patterns and provides a basis for detailed water quality and sedimentation analyses in river reaches and reservoirs. It provides a source analysis, giving insight in the water's origin at any location of the basin. RIBASIM has a set of features which make it a state of the art river basin simulation package. The model has been applied for more than 20 years in a large number of countries and in a wide variety of projects. Water management organizations world-wide use it to support their management and planning activities. Large and complex river basins have been modelled and simulated with RIBASIM. Separately modelled subbasins can be combined into one main-basin.

This site

This site provides information on how to use RIBASIM. RIBASIM is available free under license. For more information how to obtain a licence please visit the main Deltares website or contact us via e-mail.

Space Overview

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