

Data Support

Abstract

The objectives of this deliverable has been

- To co-ordinate the collection of historical runoff data in selected regions.
- To prepare the historical data set for model calibration.
- To prepare for real-time updating of the river discharge model.

A database of observed river discharge data has been updated. Partners within the project have contacted their respective local hydrological agencies to request data. This data has been collated and used to update the existing river discharge database used for the E-HYPE model. Existing data has been requested from the GRDC, EWA and BALTEX databases, sorted and collated into a single database along with any new data collected. The new data has been prepared to be used for calibration and real-time updating of the river discharge model.

The E-HYPE model should be calibrated and validated to historical water quality observations when used to simulate nutrients. An attempt has therefore been made to collate available historical observations of nitrogen and phosphorous concentrations in waterways around Europe.