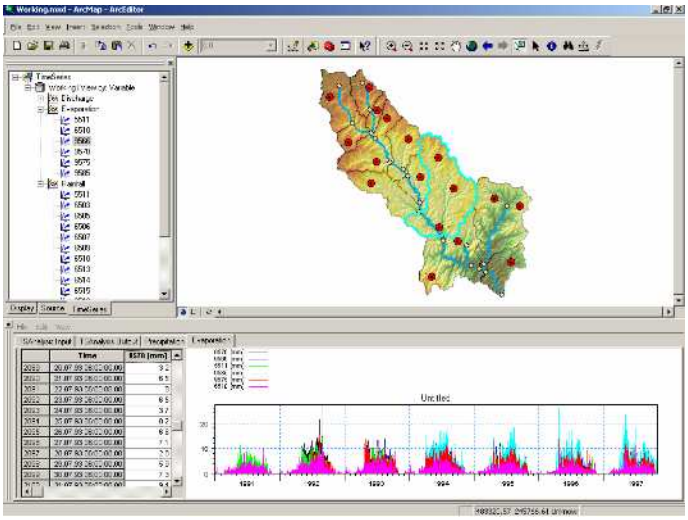
Temporal Analyst for ArcGIS

Time Series Data Management and Analysis for ArcGIS

Application Areas

- Storage, management and visualization of temporal data in a spatial context
- Multi-disciplinary data analyses and processing (hydrology, ecology, health, etc)
- Maps and reports of time series statistics and properties

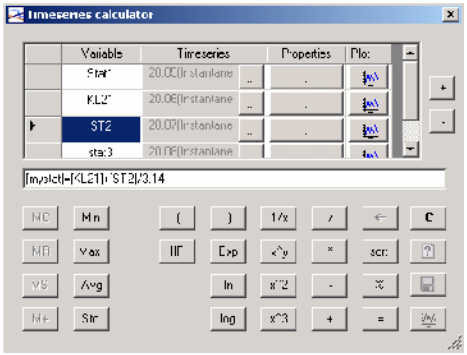
The traditional limitations of managing time-related data inside your GIS has often forced users to maintain a separate set of data and tools outside of their GIS workspace. However, DHI's Temporal Analyst tool for GIS brings time series data management directly into ArcGIS. It is a unique and powerful ArcGIS extension for efficient and versatile storage, management, processing, plotting and analysis of virtually any time-related data inside your ArcGIS application. The Temporal Analyst tool for GIS effectively removes the barrier between GIS and fully dynamic data handling, modeling and monitoring.



Connect GIS and time using Temporal Analyst for ArcGIS.

Temporal Analyst for GIS in brief

- **Data Views** - the Temporal Analyst extends the ArcMap table of contents with an additional tab that presents a tree view of the time series data from either a Geodatabase perspective, or from a feature class perspective
- **Data Storage** - the Temporal Analyst stores time series data in a Geodatabase using DHI's time series data model or links directly to your own database or data files
- **Data Access** - the Temporal Analyst includes a number of data bridges that makes it easy to lead data in various formats, including MS EXCEL, ArcHydro, NWIS and DHI's own dfs0 format
- **Data Analysis** - the Temporal Analyst offers a suite of tools for data analysis and processing, incl. basic statistics and arithmetics, time step resampling, gapfiling, distribution and CDF plots, duration curves, double mass and
- **Produce Maps** - the Temporal Analyst allows you to bring time series statistics to the map. You can, for instance, create average rainfall maps, maximum water level maps, exceedance frequency or duration maps, etc
- **Compatible and Flexible** - the Temporal Analyst is driven by DHI's MIKE Object package (www.mikeobject.com). You may use MIKE Objects COM objects in your own code and still ensure compatibility with the Temporal Analyst and other DHI Software products.



Use the Time Series Calculator for advanced editing of your time series data.

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ESRI ArcHydro Data Model

DHI is a core member of the GIS Water Resources Consortium.

This consortium has developed the standard ESRI data model for water resources called the ArcHydro data model.

More information on the ArcHydro data model - and downloads - are available on the website:

www.crwr.utexas.edu/giswr/hydro

Pricing

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Temporal Analyst	1,995

A 30 day free evaluation license can be downloaded from:
www.dhisoftware.com/time

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