

Baird

software

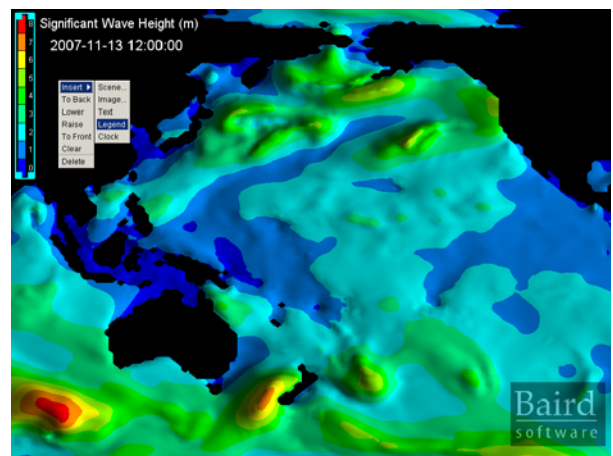
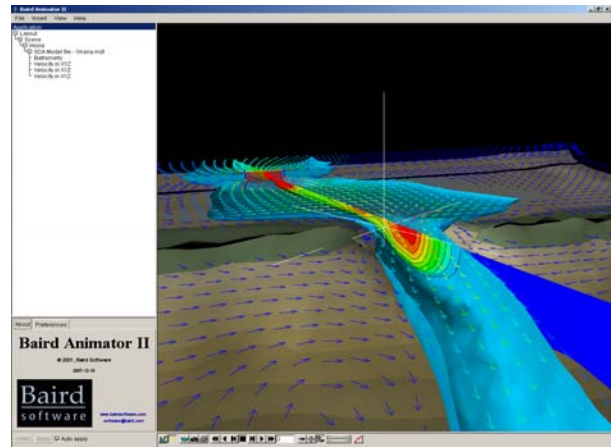
Baird Animator Visual Analysis Software

Baird Animator is a 3D visualization and animation environment supporting many kinds of spatial and temporal data, whether simulated or surveyed.

The software is a light-weight cross-platform GUI built around the animator core SDK, which is used in a number of in-house and 3rd-party applications.

Key benefits to modelers and designers

- Interactive visualization and analysis of model results
- Synchronous display of different data sets for comparison and validation
- Animated flight paths through the data-space
- Production of 3D images and animations of the virtual environment for presentation
- Command-line interface for generating off-screen images and animations in batch systems.



These features allow the user to quickly detect invalid data, errors, or numerical instabilities in a simulation, as well as observe complex interactions of various phenomena in an intuitive manner. Presentation of simulation results to laypeople is also greatly enhanced since the animations look similar to the real physical processes.

Baird Animator runs on Microsoft Windows 2000, XP and Vista; and on X-Windows under Irix, Solaris, and Linux. Both 32- and 64-bit versions are available for all platforms.

Customized modules for additional input and output formats are easily developed due to its plug-in architecture.

Geometric configurations supported include points, lines, triangular meshes, orthogonal grids, curvilinear grids, rasters, and solids models. Volumetric configurations supported include fixed, sigma, and hybrid spacing. Typical data sources could include any of survey, sensor, GIS, satellite, hydronumeric or atmospheric models.

Points	Lines	Curvilinear	Orthogonal	Triangular	Solids	Raster
