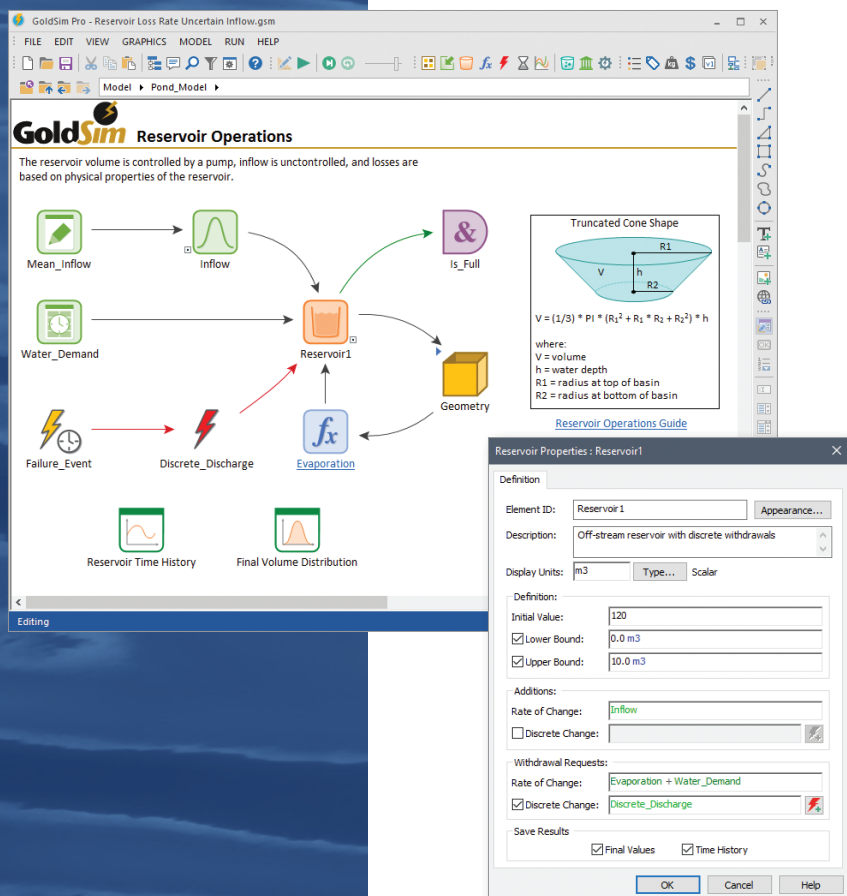




Water Resources Modeling Made Easier

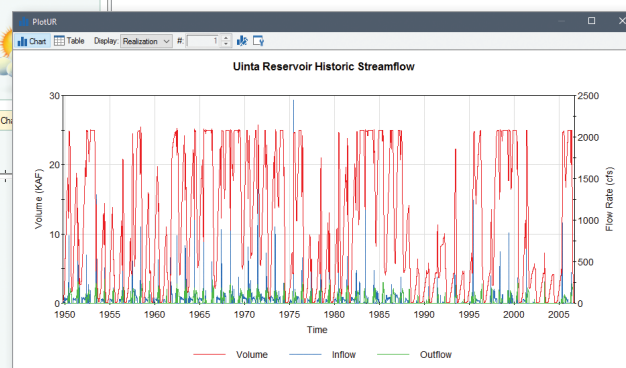
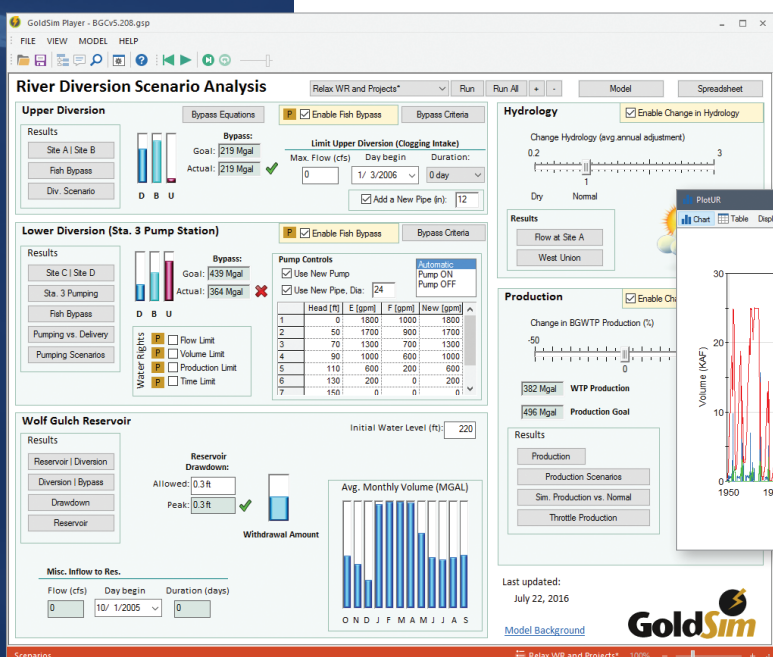


What is GoldSim?

GoldSim is visually enhanced, dynamic simulation framework used for modeling complex systems in business, engineering, and science. GoldSim also supports decision and risk analysis by simulating future performance while quantitatively representing the uncertainty and risks inherent in all complex systems.

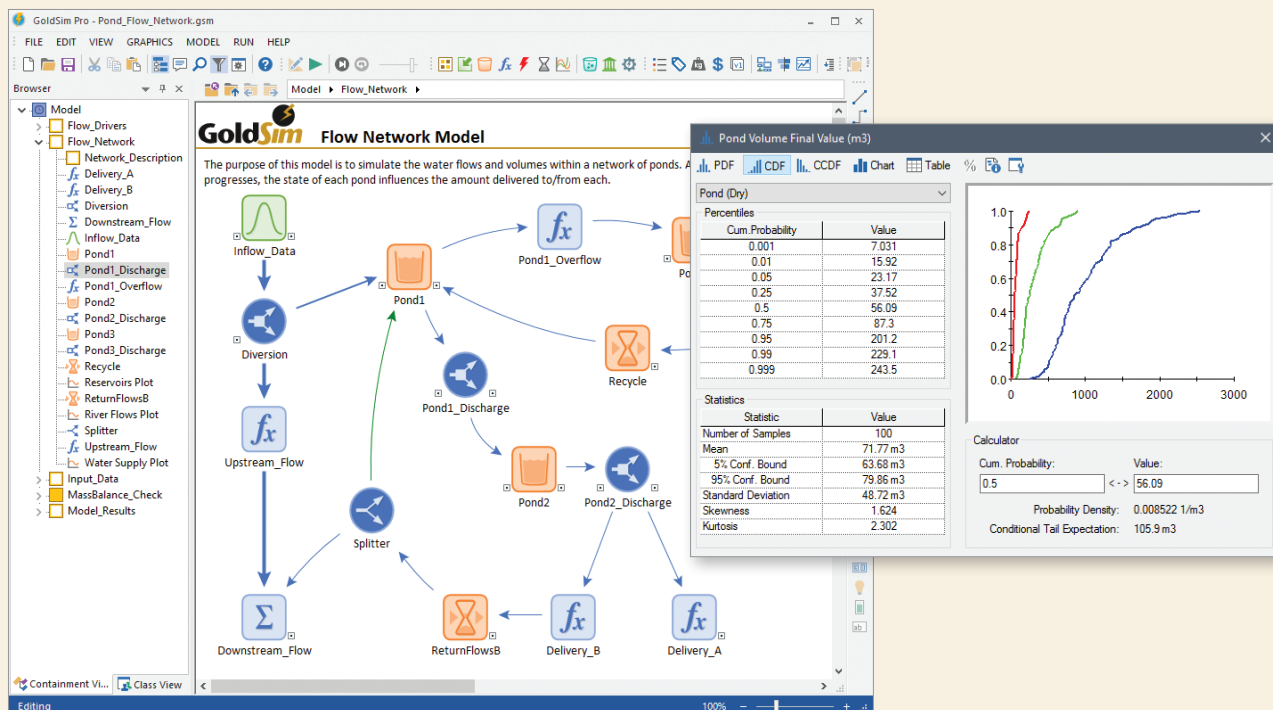
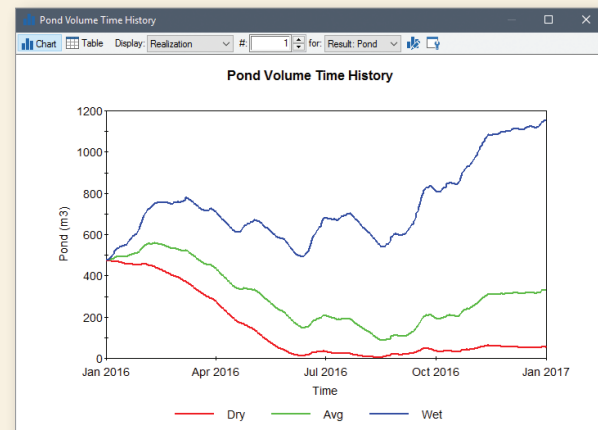
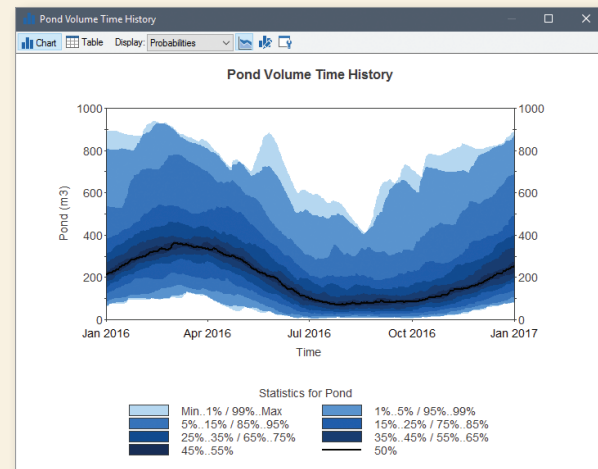
Why use GoldSim?

GoldSim is ideal for a high level systems approach to water resources modeling. With its hierarchical design, it also supports detailed process modeling and linking components together in a format managers can use and communicate. GoldSim has been used for hundreds of complex water balance models to assist modelers in clearly presenting results to diverse audiences, managing large input and output datasets, and clearly documenting model logic.



GoldSim Features

- **Visual user interface** GoldSim is highly graphical and user friendly
- **Excel and database integration** GoldSim integrates seamlessly with MS-Excel and databases
- **Built-in optimization** GoldSim has a user-friendly tool for automatic calibration or design optimization
- **Free player models** GoldSim models can be freely distributed as “player” files
- **Robust plotting capabilities** GoldSim plots allow extensive customization
- **Transparency of model logic** Variable dependencies are shown with influences
- **Custom interfaces and model logic** Models can be controlled by “dashboards”
- **Monte Carlo analysis** GoldSim models can have stochastic or uncertain inputs and there are powerful tools for analyzing uncertainty in outputs
- **Built-in unit conversions and dimensional consistency checks** GoldSim reduces the chance of user error by automatically checking and converting all dimensional units



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