

Afraid to get into
geostatistics?

What if a new
software solution
made the
experience easier?

Isatis.neo is Geovariances' brand new generation software solution in geostatistics. We have developed it with only one objective in mind, to provide our customers with all the geostatistics they're used to finding in our flagship product Isatis in a much smarter software solution. The goal is met. With its innovative and intuitive user interface, **Isatis.neo puts the full power of geostatistics within your reach.**

Designed for every business dealing with spatialized data, **Isatis.neo exceeds industry standards in geostatistics.** The software enables thorough data analysis and visualization, produces high-quality maps and models and allows you to carry out extensive uncertainty and risk analyses that optimize your decision-making process.

Available in a Standard Edition, Isatis.neo is also offered in two special versions, Petroleum Edition and Mining Edition, to better meet the specific requirements of these two industries. In addition to business-oriented tools, each version offers a preconfigured workflow for an optimized way to tackle classical, although challenging issues: **Time-to-Depth Conversions** with comprehensive uncertainty analysis for the Petroleum Edition, **Mineral Resource Estimation** including Ore Control and Reconciliation for the Mining Edition.

Why Isatis.neo?

- It is designed for the **highest performance**, with an intuitive user interface for ease of use and cutting-edge parallelized algorithms.
- Users **quickly get to grips** with software's use.
- **Workflows can be created and adjusted** to each company's specific processes and automated to streamline teams' daily tasks.
- Geovariances' 35-year expertise in geostatistics-based software development in partnership with the French Mining School of Paris ensures **a robust and reliable software solution.**

ISATIS.NEO KEY FEATURES

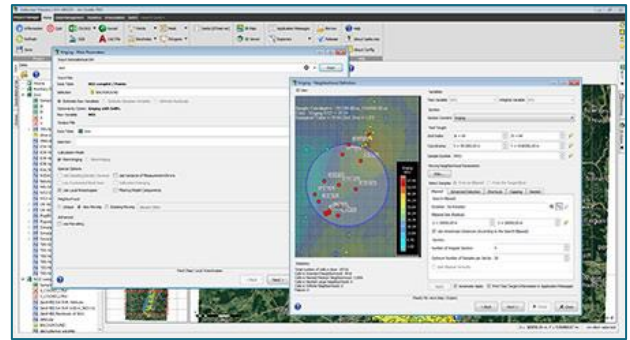
- Integrated and powerful application for Exploratory Data Analysis in univariate and multivariate contexts
- Built-in tools for data declustering, Kriging Neighborhood Analysis, cross-validation, local varying anisotropies, variable capping, unfolding
- Industry-standard estimation methods (point, block, simple, ordinary, universal, multivariate, spline, linear kriging, kriging with external drift, with variance of measurement error, MIK) and interpolation methods (nearest neighbor, inverse distance, moving average, moving median)
- Conditional and non-conditional simulations
- Plurigaussian simulations for modeling complex subsurface, reservoir or orebody geology
- Genuine post-processing of simulations for accurate uncertainty and risk analysis
- Python functionalities and coding
- Scripting procedures for task automation
- Integrated word processor application for producing technical reports on-the-fly
- Compatibility with the industry file format standards
- GIS-like tools and 3D viewer

FULLY EXPLORE YOUR DATA



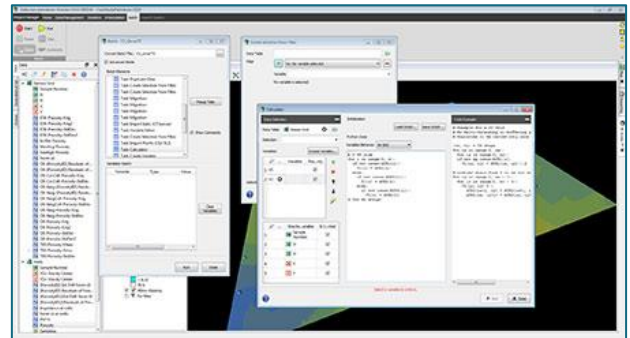
An integrated and user-friendly application for Exploratory Data Analysis enables the fast computation and display of various statistics (i.e. histograms, box-plots, cross-plots, swath-plots), variograms and Gaussian anamorphosis, just by simple drag and drop of variables. All the inputs users need for kriging or simulation (variogram models, stationarity options, anamorphosis function) are stored in a single dedicated object. It guarantees consistency and makes further parameter setting more straightforward.

QUICKLY GET RELIABLE ESTIMATES



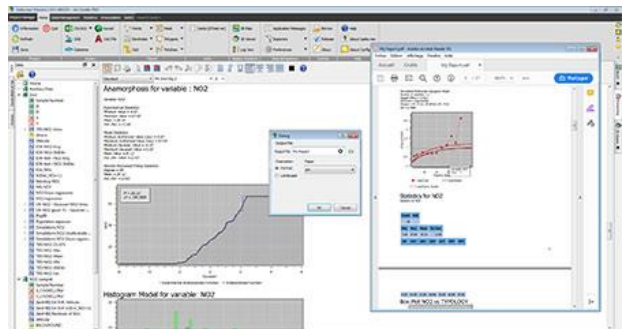
Kriging options are grouped into one single dialog box and selected with a mouse click, which simplifies the settings choices. Systematic naming of output variables, based on a pre- or user-defined convention, saves users time and ensures name consistency across different models.

AUTOMATE YOUR WORKFLOWS



Workflows can easily be recorded in batch files and run again interactively or automatically when new data comes in or to test different scenarios quickly. Batch files also provide perfect support to keep full track of processes for auditing purposes.

QUICKLY PRODUCE YOUR STUDY REPORTS



An integrated word processor facilitates reporting. The tool allows users to copy views, graphics, and message contents to a report as the project progresses. Users can then edit texts to their needs and export the report in pdf or odt format.

