

GEOSCENE3D COURSES

GeoScene3D Training

The courses offered cover a broad range of geological modeling scenarios and purposes, including hydrogeologic modeling, layered modeling, voxel modeling, soil contamination modeling, and modeling focused on Smart Interpretation of AEM. Our team of seasoned instructors have experience in geophysics, geology, geostatistics, GIS, geodata management, database and geoscience software development. In order to provide you with the best learning experience, we frequently partner with external researchers to supplement our expertise and ensure a premium academic level.

Training can be customized to fit your exact needs, ranging from one-to-one to group lessons, and we can either use our training data or we can integrate your data into all our exercises.

Onsite training uses a combination of theory and hands-on exercises.

<h3>Basic</h3>	<ul style="list-style-type: none"> • Basic functionalities • User Interface • Project setup • Add data –different data types • 3D, Maps and cross sections
<h3>Layered modelling</h3>	<ul style="list-style-type: none"> • Setting up a project for hydrogeological modeling • Define interpretation points • Interpolation • Grid Adjustment • Toolbox • Data export
<h3>Voxel modelling</h3>	<ul style="list-style-type: none"> • Setting up a project for modelling • Voxelgrid and voxels • Add and setup vector based data • Assign voxel properties • Voxel modeling on cross sections and in Map Windows • Use 3D grid (e.g. AEM data) as direct input to voxel grid
<h3>Smart Interpretation</h3>	<ul style="list-style-type: none"> • Basic theory SI • Project setup • Surface interpretation • Learning the system – manual points • Clustering – grouping of geophysical sounding
<h3>Hydrology</h3>	<ul style="list-style-type: none"> • Calculate Draw down (Theis Equation) • Search out water levels based on different time filters etc. • Potentiometric Maps • Aquifer specific potentiometric maps based on layered models

Online Training

Our online training is a series of typically 3-4 live training sessions, together with an at-home assignment, and are designed around your specific needs.

Our standard online course is scheduled as:

- Session 1: Basic GeoScene3D
- Session 2: Modeling in GeoScene3D

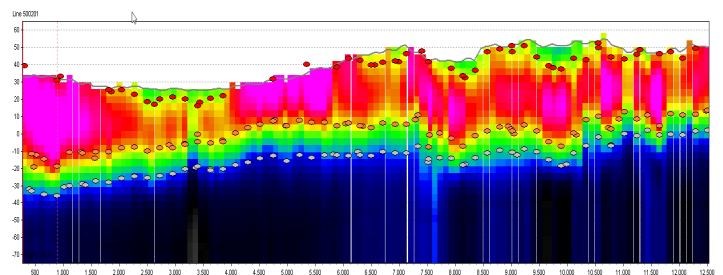
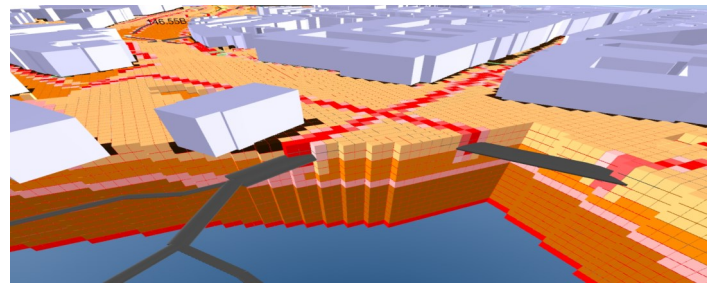
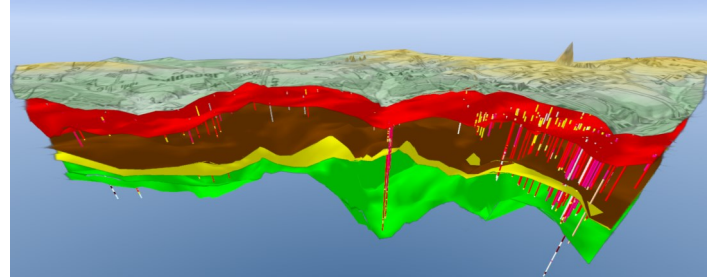
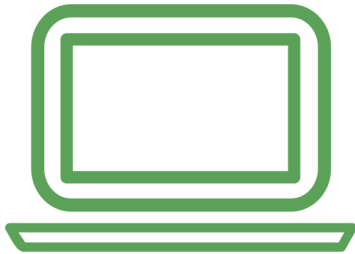
Home assignment working on geological modeling in GeoScene3D:

- Session 3: Review of homework, learning points
- Session 4: Optional! Free for your special interests

The sessions are designed as 2-hour interactive lectures, and we are flexible in adjusting the content to focus on your specific needs.

Customized Courses

Customized courses are targeted to your specific work content. We deliver customized courses and consultancy services worldwide, within the topical areas of GeoScene3D, geological modeling, and geological data management.



The courses can be planned around your data and case studies, giving you experience and results that are directly applicable to daily work in your organization. Our consultants have extensive experience in working with both small- and large-scale organizations.



WANT TO KNOW MORE?

We are here to help you! Find more information about courses and training in GeoScene3D on our homepage or contact us at email training@i-gis.dk.