

SHARE YOUR VISION OF THE TERRITORY

LandSim3D

LandSIM3D® allows the fast modeling of landscape and cities in 3D from geographic source data.

LandSIM3D is a new generation of rural and urban territory simulation software developed for territory planning professionals.

Easy and fast to operate, it offers a user friendly interface allowing users to visualize rapidly the complex geographic data of a territory in a 3D view combining real-time and high level of details. LandSIM3D models the landscape from georeferenced vector maps in order to reproduce the existing site in 3D with fidelity and accuracy. Roads, rivers, powerlines and buildings are automatically rebuilt in 3D and integrated within the natural relief. The vegetation and the micro-details of the ground can also be simulated in 3D at very large scale and high resolution thanks to land use maps. 3D models or projects can be imported and smoothly inserted with precision in the virtual environment of the site.

MODEL in just a few hours an existing territory in 3D in order to better analyze, study and understand it.

INSERT smoothly your architectural, landscape, urban or infrastructure project into that virtual environment.

STUDY the possible alternatives of your project, its environmental impacts and visualize the evolution in the future of the urban or rural landscape thanks to a timeline.

PRESENT your decisions and explain your choices thanks to the interactive 3D Viewer. A must have tool for your customer meetings and your public presentation.



Thanks to its intuitive interface and compatibility with other CAD and GIS software, LandSIM3D can be smoothly integrated within any production workflow in place in a design or planning agency.

landscape



A 3D tool serving professional needs such as :

- Architects, Landscape architects, Urban Planners & Surveyors,
- Government, Local or State authorities,
- Engineering and Design companies or departments,
- Civil engineering firms (Railways, Roads...),
- Forestry management and National Parks,
- Environmental & Impact studies,
- Design Visualisation companies.

www.landsim3d.com

LandSim3D

Improve decision making process thanks to 3D visualisation

LandSIM3D® models the site from standard geographic source data describing the terrain, the topography and the landuse of the territory.

The different information layers (DTM, vector maps, raster maps, ortho-imagery) are linked and correlated together within the same and unique georeferenced 3D environment.

Import your project from standard CAD software into the existing landscape.

Populate your project with 3D vegetation thanks to a powerful and unique plant modeling and growth simulator, based on botanical knowledge and boasting a world-wide plant nursery.

Vectors formats: Shapfile, DXF, Mapinfo

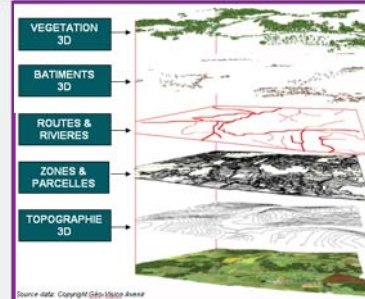
Rastor formats: bmp, jpg, png, rgb, sgi, tga, tiff...

3D formats: 3ds, Google Sketshup...

Study the project's alternatives with common references and various propositions. The simulation possibilities and 3D visualization helps develop a better project concept for decision making process, presentations, and public presentations.

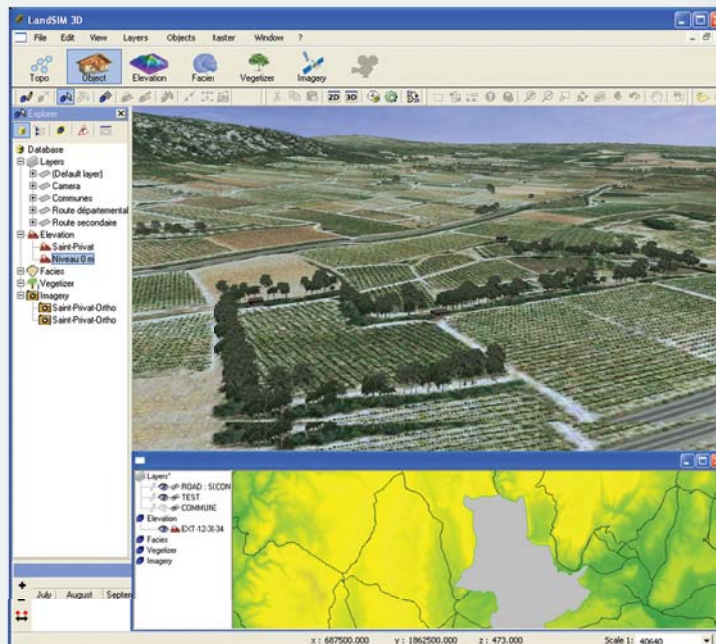
Visualize the present and simulate the future LandSIM3D® directs the time by dating all of the objects as well as allowing you to visualize transformation of the landscape of a project through time, especially through the automatic aging of the vegetation, the building and the infrastructures.

Publish your finalized project in order to share it in an easy and safe way with clients or partners involved thanks to an interactive 3D viewer running on any PC.



Model your landscape in 3D in only a few hours!

LandSIM3D® can automatically model a landscape in 3D from GIS data source and common CAD software output.



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