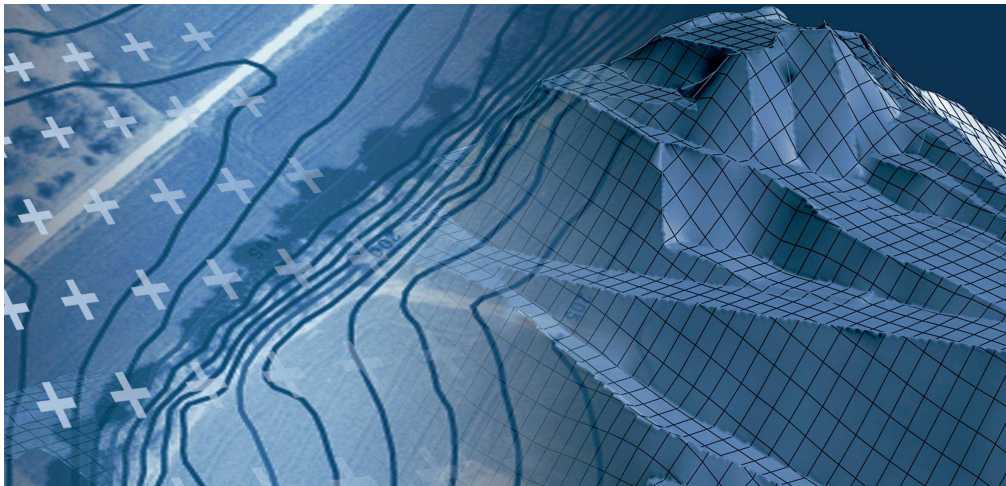


SCOP++

SCOP++ – well-proven performance for terrain modelling.

SCOP++ is designed for efficient handling of DTM projects, with data coming from LIDAR, photogrammetry or any other source. SCOP++ provides unsurpassed quality of DTM interpolation, filtering, management, application and visualization.



SCOP++'s flexible architecture allows for a variety of DTM operations and visualizations.

All modules of **SCOP++** are made for processing hundreds of millions of DTM points. With its integrated database system **SCOP++** is especially well-suited for very large DTM projects, up to nation-wide DTMs.

SCOP++ works with a very efficient hybrid DTM data structure and flexible, advanced interpolation methods. This guarantees rigorous consideration of break lines and qualified data filtering.

SCOP++ performs filtering of airborne laser scanning data for automatic classification of the raw point cloud into terrain and off-terrain points, i.e. for extracting the true ground points for further DTM processing. It uses efficient robust interpolation techniques with flexible adaptation to terrain type and terrain coverage.

Numerous DTM applications are covered, like contouring, hill-shading, profiling, volume calculations, or slope analysis.

A complete solution for powerful filtering, classification, quality control and editing of LIDAR data is offered with LIDAR Box, consisting of SCOP++ Kernel, SCOP++ LIDAR and our DTM editing station DTMaster.



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