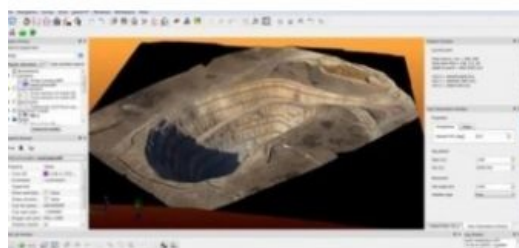


Gexcel to Release 3D Software for UAV at Intergeo



Gexcel, Italy, is attending this year's Intergeo to introduce new 3D software tools and solutions focusing on the most recent release of the JRC 3D Reconstructor software for UAV platforms. In step with the path of the latest technologies in three-dimensional laser scanning and photogrammetry, Gexcel has released the new version of JRC 3D Reconstructor 2.9.1 with a very strong focus on UAVs.

UAVs can quickly and cheaply capture georeferenced High Resolution (HR) images. Third-party software typically produces GeoTIFF global images and 3D point clouds of the investigated area. These ingredients can be easily managed in JRC 3D Reconstructor to merge the GeoTIFF global image colour over the point cloud and produce a 3D HR texturised point cloud and 3D HR texturised mesh models. Using JRC 3D Reconstructor

all the volume calculations, cross sections, cut & fill, crests & toes, isolines, etc., can be created with a greater accuracy, thanks to the real colour state processing. This new feature emphasises the importance that JRC 3D Reconstructor gives to the colour information. It is considered as a powerful tool for detailed [geotechnical and geological investigations](#).

Gexcel has a rich history spanning more than 10 years of proven fully featured Lidar and imagery analysis software packages with the JRC 3D Reconstructor, completely compatible with all terrestrial, mobile and airborne scanners from manufacturers such as Faro, Leica Geosystems, MDL, Optech, Riegl, Stonex, Topcon, Trimble and Z+F. Gexcel is a spinoff company of the University of Brescia, established in 2007 from the academic know-how of the University and the applied research achievements of the European Joint Research Centre (JRC), located in Ispra (Italy). Gexcel supports all major standard formats such as the ASTM E57 and LAS.