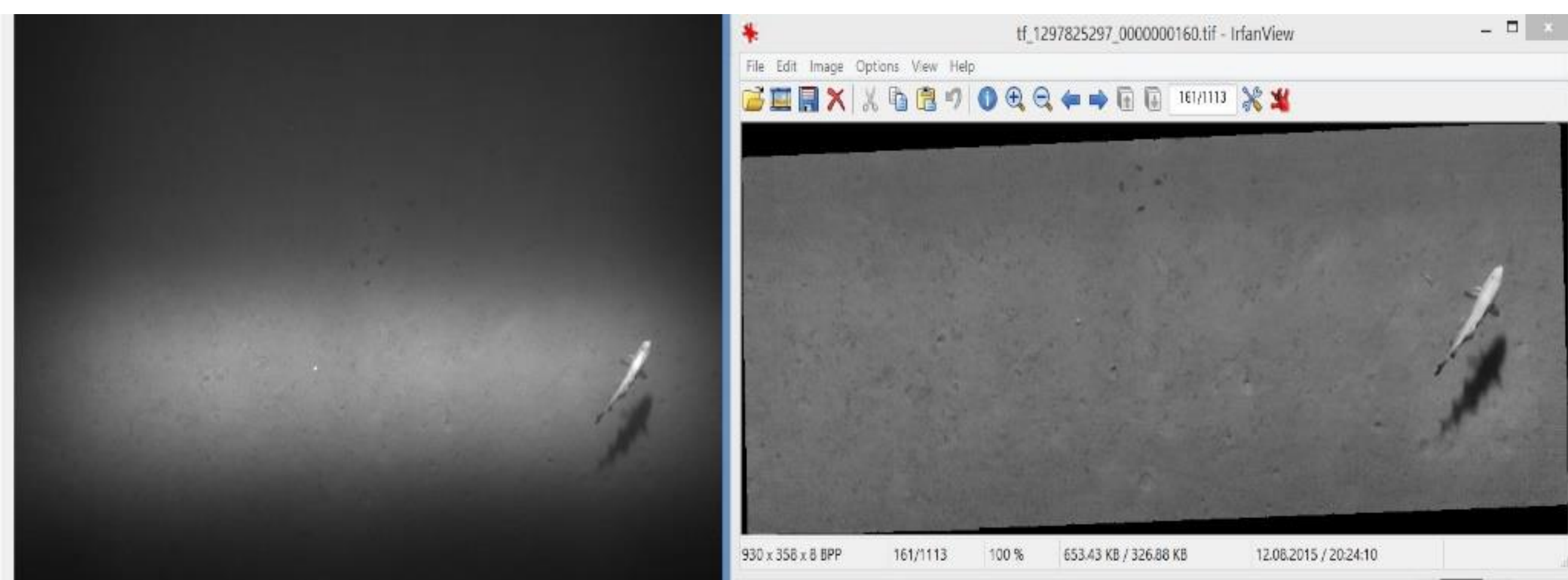
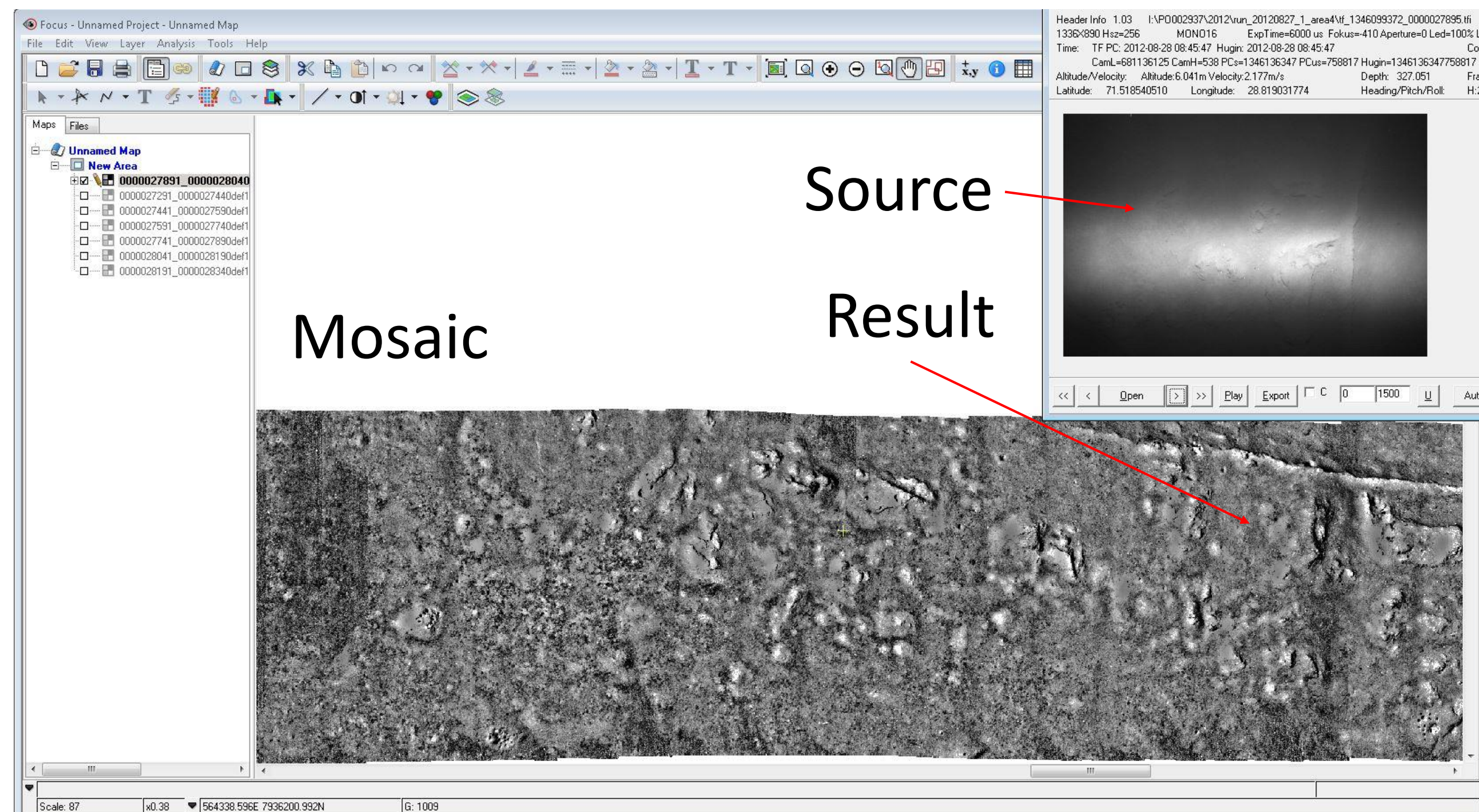


Seabed images for Orthophoto and Mosaic



The original image shows the effect of artificial light from LED panels. TerraNor software corrects the image before orthorectification and mosaic.



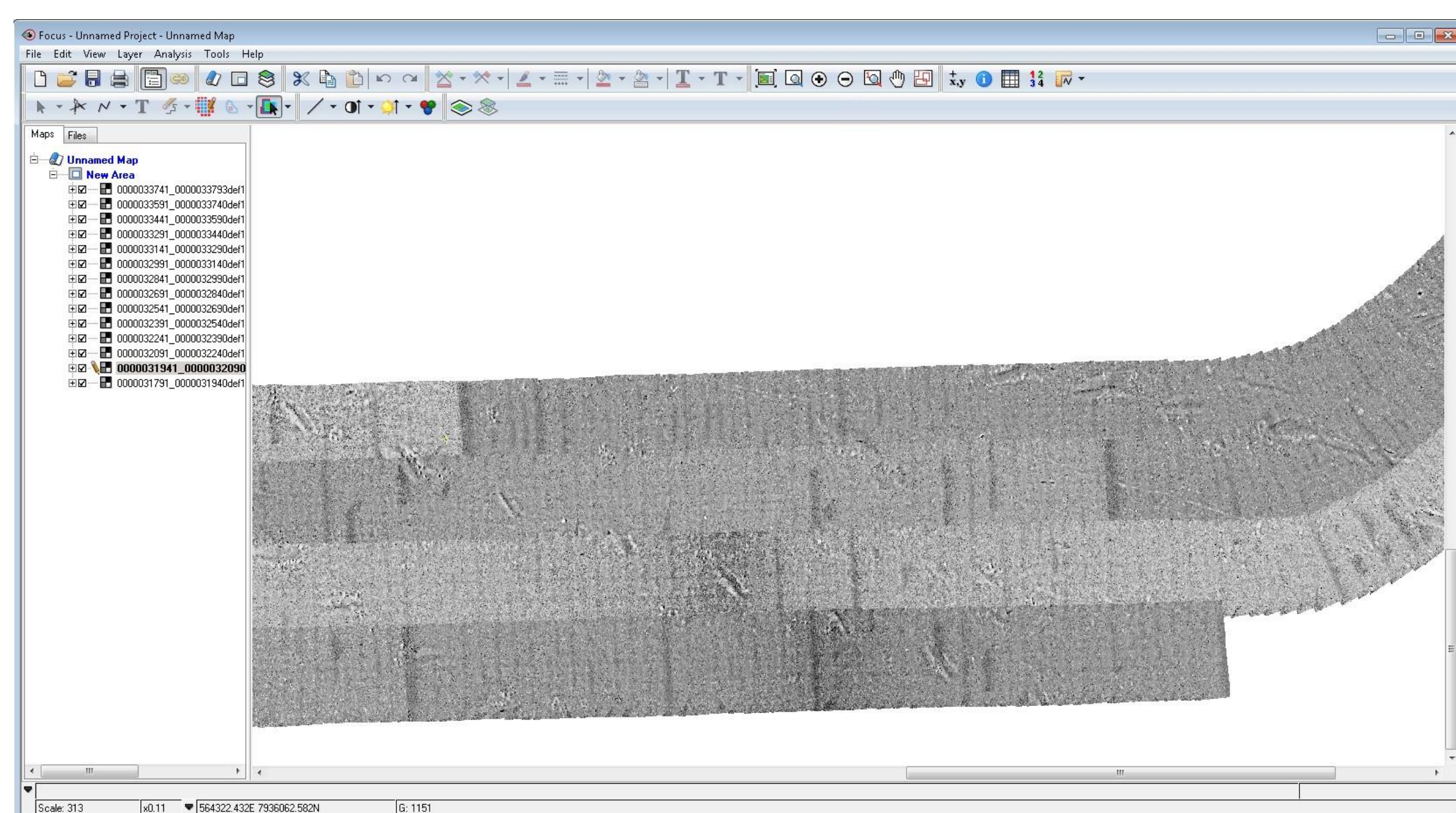
We can work with both colour images and images in black and white. Notice also how we have rotated the images and removed the dark edges.

Enhancement is based on our own technology and preserves the colours in the image.

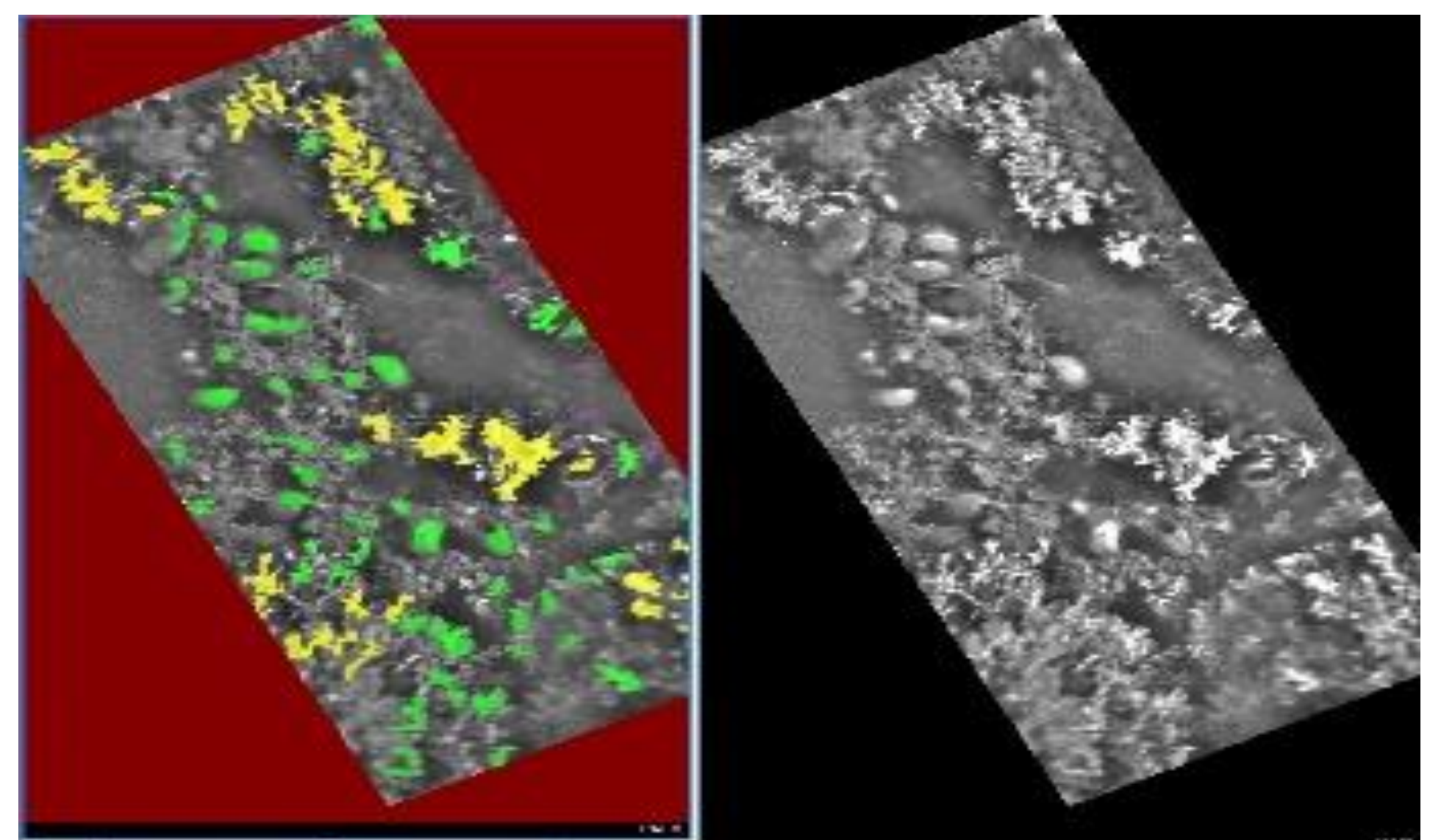
The method is 100% automatic and the operator controls the process.

The process handles everything from 50 to 100 000 images – or more. Our largest project so far involved 850 000 images.

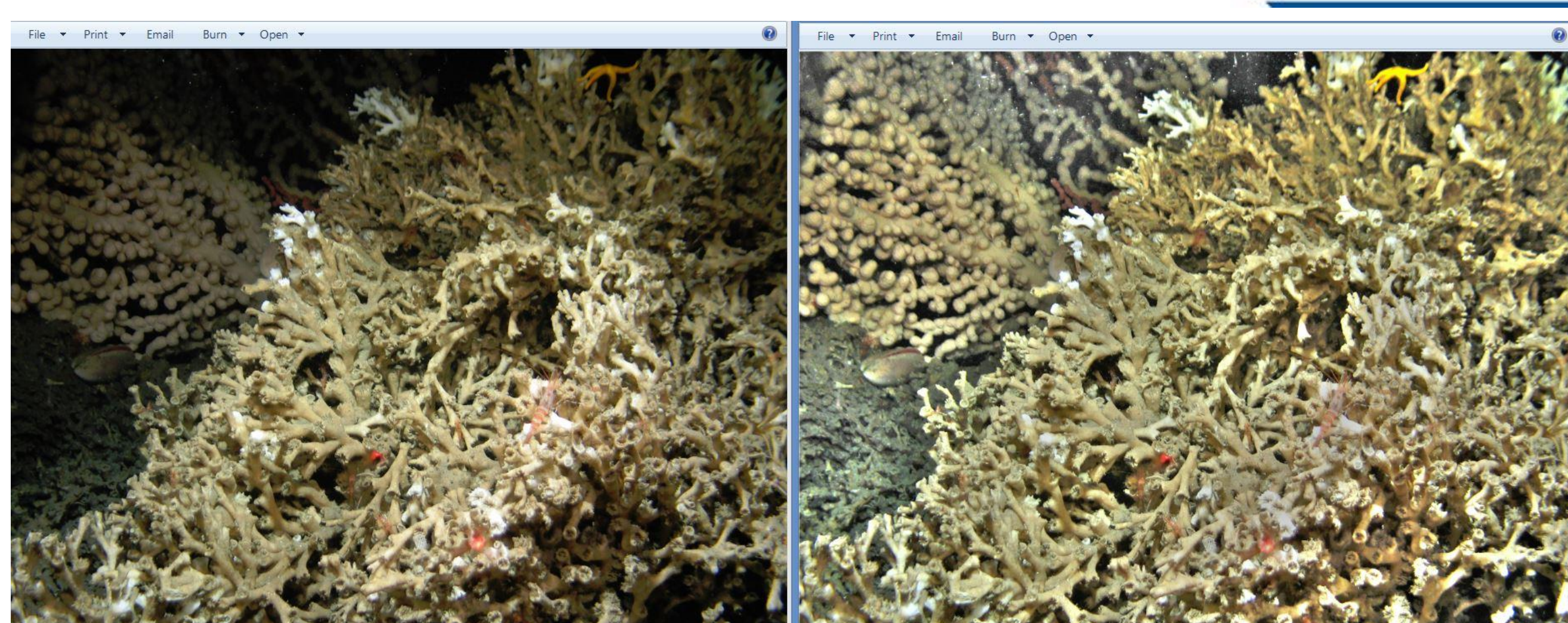
As part of this project, we machine classified 10 000 images, finding crust, gas, coral and anemone:



Colour processing



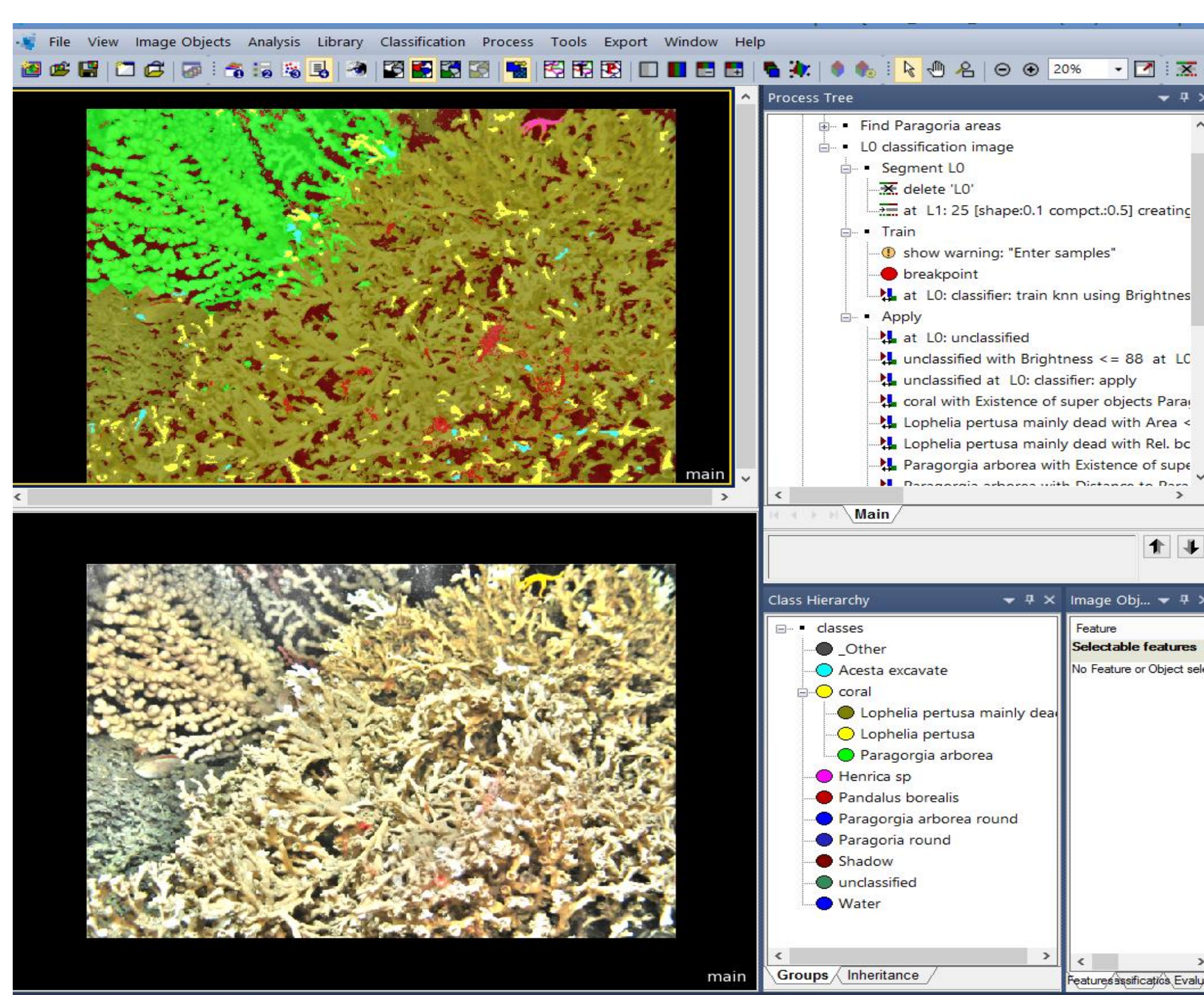
We process colour images the same way we process panchromatic images.



The image from Parker shows how we render it possible to spot details and read text that are far from the camera and light source. The camera may be positioned up to five metres away from the bottom of the object. Should the distance exceed five metres, most of the light will be absorbed by the water.

The main purpose of image enhancement is to enable machine classification and orthorectification.

The image from Gardline shows how we can perform correct classification post enhancement.



TerraNor

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