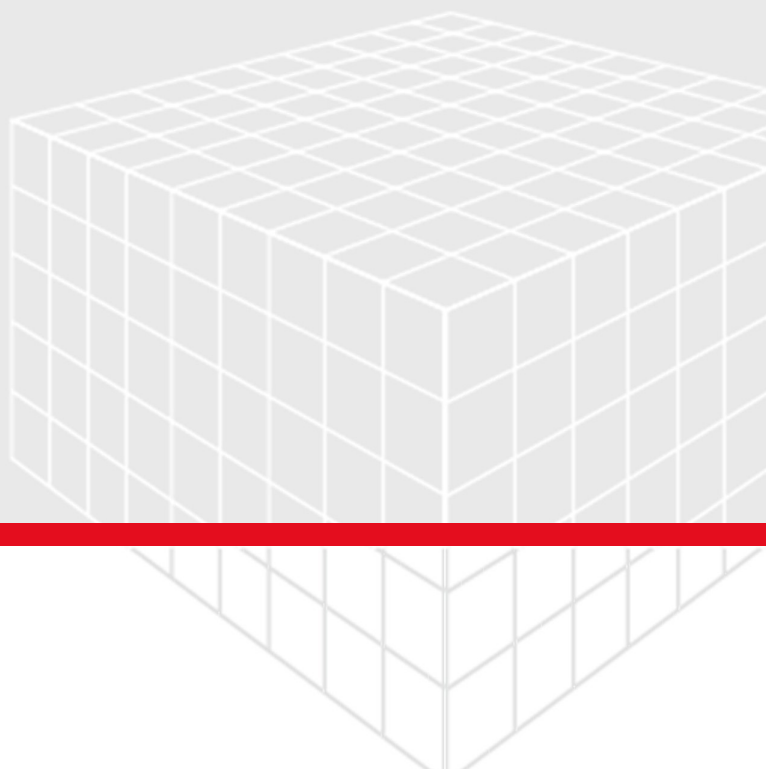


Save Images

User Guide

GEODICT Release 2026

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GEODICT

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Save Images

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1 Save Images

Saving images is an excellent and easy-to-use choice when you intend to present to the public structures and visualized results after working with GeoDict.

The high resolution achievable when saving images this way is suitable for press-ready flyers and posters.

Choosing **File** → **Save Image as...** saves the current content of the visualization area in the supported file formats (*.png, *.jpg, *.xpm, *.xbm, *.bmp, *.pgm, *.ppm, and *.pbm) in the project folder.



The toolbar icon is the shortcut to this function. The opening dialog is different depending whether 2D Cross Section (SEM) view or the 3D Rendering mode was previously selected from the menu bar or toolbar in the GeoDict GUI.

Learn how to save images in GeoDict

- [Preparations](#) ⁴
Prepare the visualization settings as desired to generate a beautiful image.
- [Save 2D Images](#) ⁷
Save the current 2D cross section visualization as image.
- [Save 3D Images](#) ¹⁰
Save the current 3D visualization as image.
- [Shortcuts](#) ¹³
Use shortcuts to copy images directly from the visualization area into the clipboard.



Join the conversation

Visit the Community on [GeoDict Forum](#) to be inspired and get answers to top questions.
Find illustrative application examples on the [website](#).
Our tutorials and seminar videos give you a first hands-on experience. They are collected in the [Learning Center](#).
Send your [Support Request](#) to our technical Support.

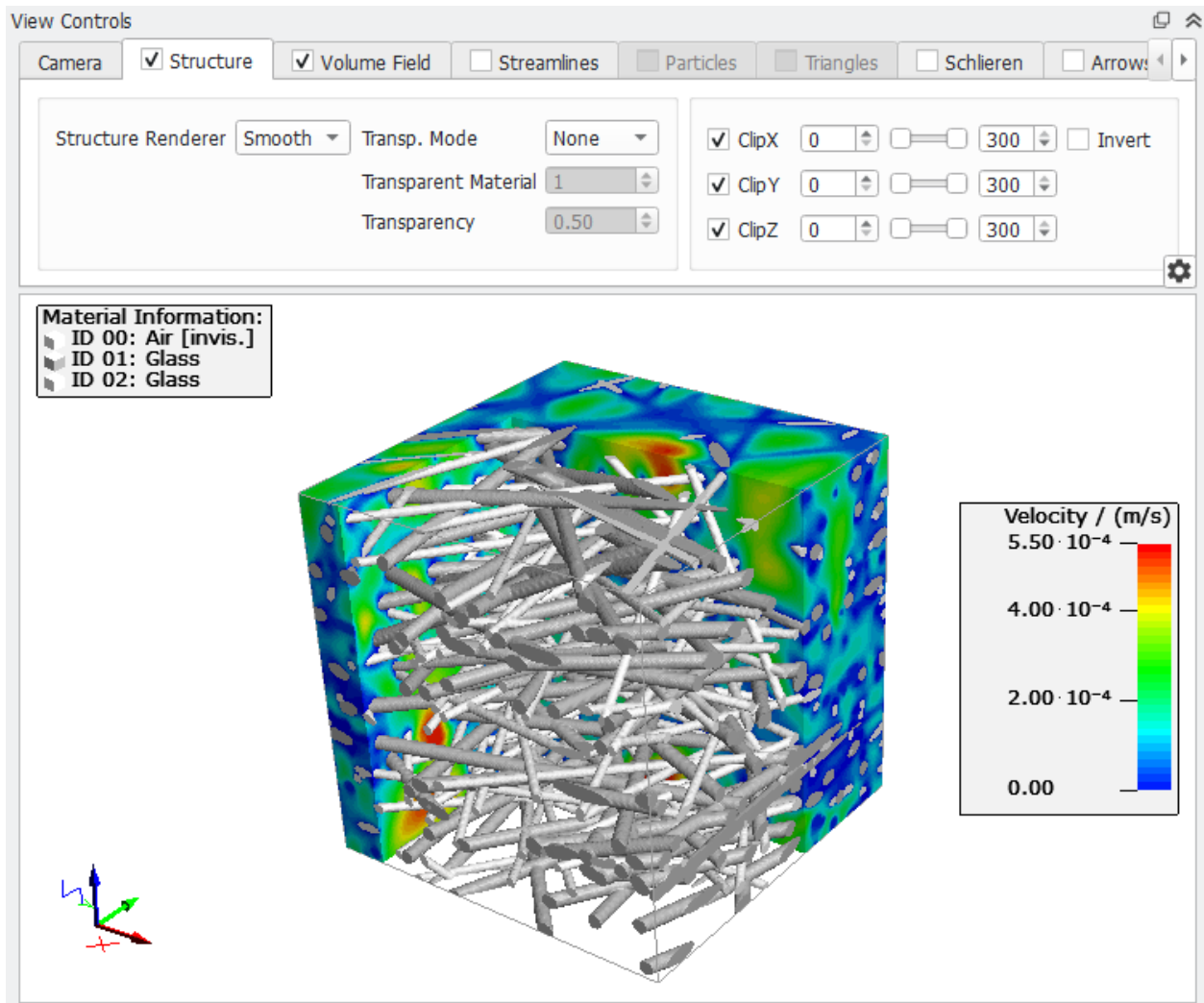
1.1 Preparations

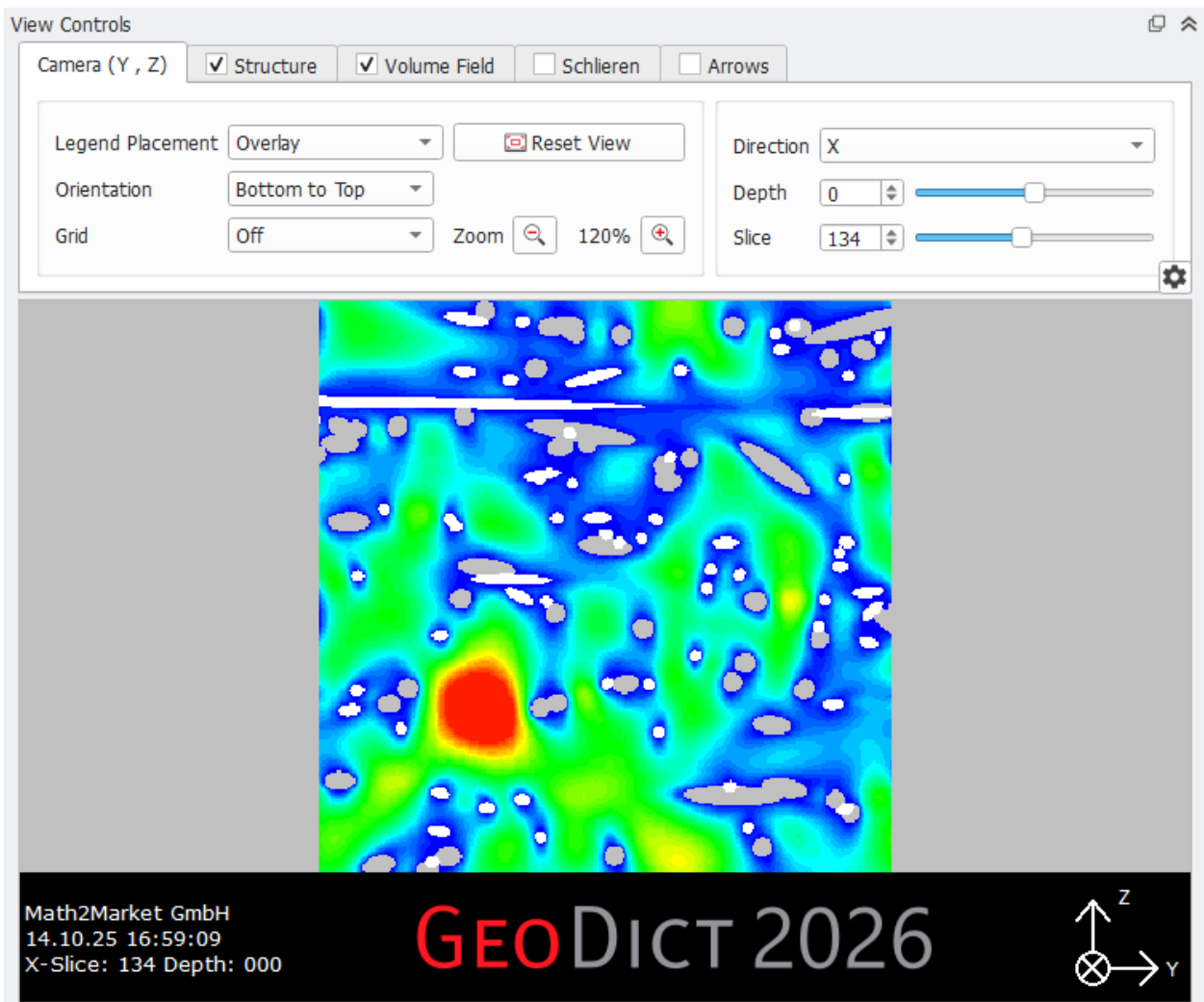
When you load image data into GeoDict it is shown in the Visualization Area. The image might be of any kind of structure created with one of GeoDict's structure generators, or imported with the Import modules, or result data from GeoDict's predictor modules. Above the visualization area, the View Controls panel is one of the access points to change the visualization of the image. Everything which can be loaded to the Visualization Area can then be saved as an image.

Other access points are the View menu and the Color & Visibility Settings.

The **View Controls** panel looks different for the **2D Cross Section (SEM)** view and the **3D Rendering** mode. For the 2D View and the 3D Rendering the tabs **Camera**, **Structure**, **Volume Field**, **Schlieren**, and **Arrows** are available. Some data from volume files can only be visualized in 3D rendering mode. Thus, in 3D rendering the additional tabs **Streamlines**, **Particles**, **Triangles**, and **Tensors** appear. Result field tabs are grayed-out if no corresponding data is loaded. Expand the **View Controls** panel to a new window using the  button and collapse it with  to have more space for the visualization area.

To start the visualization of results, a volume file must be loaded through **File** → **Load Volume Field...** or **Load Particles...** in the menu bar, or directly by loading from the **Visualization** tab of the GeoDict **Result Viewer**.

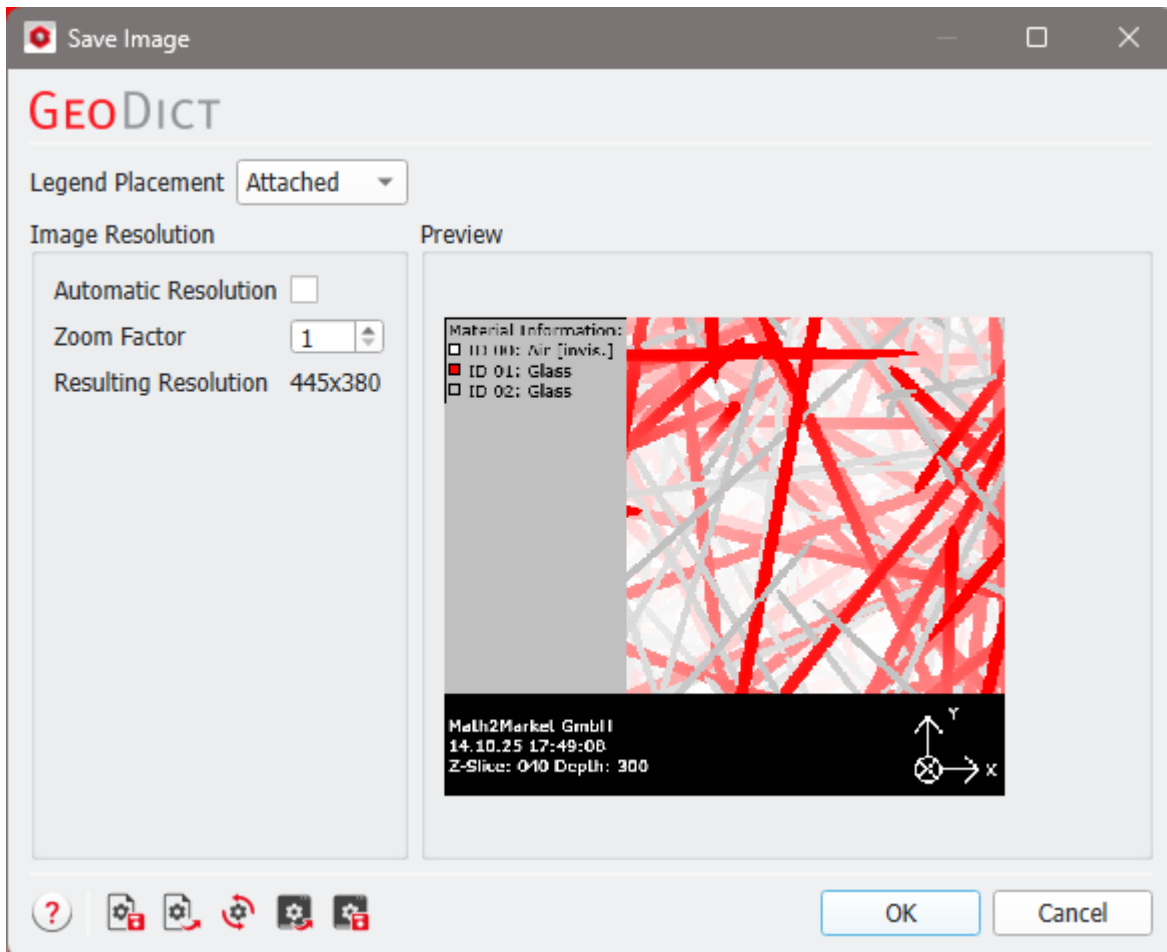




More detailed information about visualization in GeoDict can be found in the Visualization chapter.

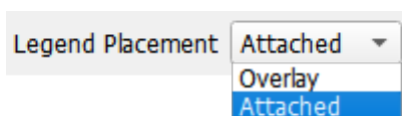
1.2 Save 2D Images

To save a 2D image of your result, switch to the **2D** view, either by selecting the 2D  icon in the toolbar or by selecting **View** → **2D Cross Section (SEM)** from the menu bar before selecting **File** → **Save Image as**.



Legend Placement

For 2D images, in the **Save Image** dialog that opens, select first where to place the legend in the image.



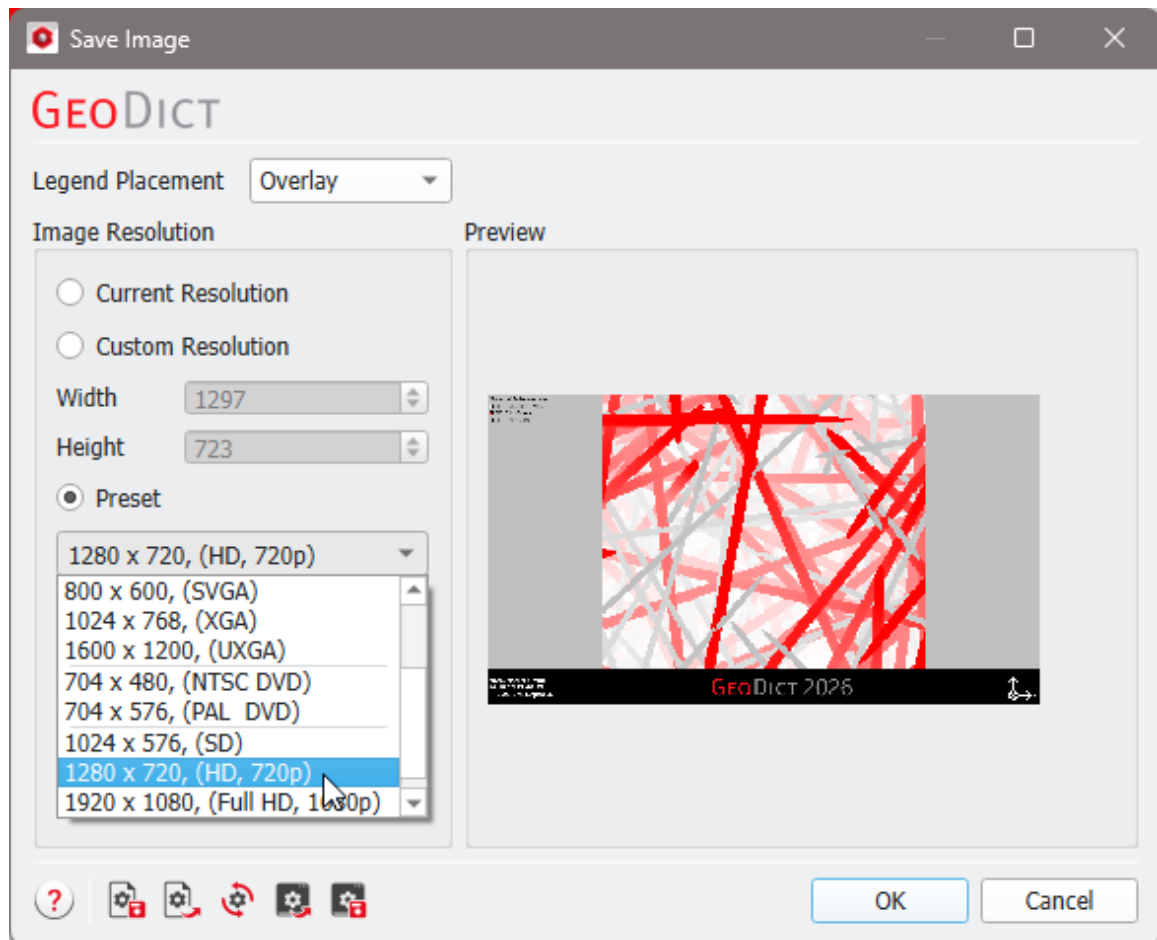
✓ Overlay

Choose **Overlay** as the Legend Placement to allow that the legend overlaps the domain.

In this case, you can choose to save the image with the **Current Resolution**, to define a **Custom Resolution** or to use the **Preset** resolution value that fits best.

If **Custom Resolution** is selected, enter the desired pixel number for **Width** and **Height**. If the resolution is not divisible by 8, a warning appears in the bottom of the dialog. This is only relevant, if you plan to generate a video from a stack of saved images.

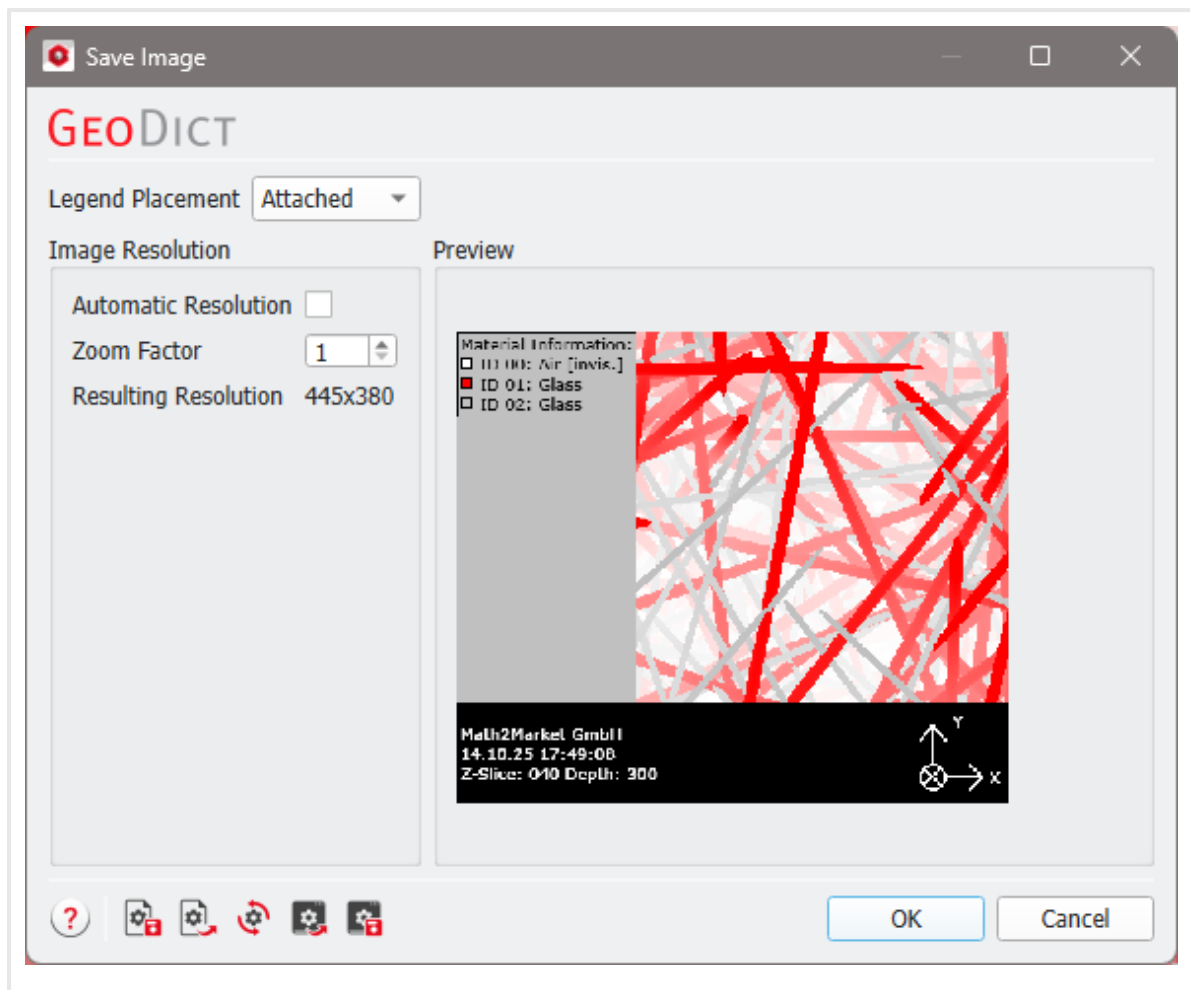
A **Preview** of the image is shown in the right part of the dialog.



✓ Attached

Choose **Attached** to place the legend outside of the domain but attached to it. If this is selected, the resolution can be selected automatically or manually by defining a zoom factor. Uncheck the **Automatic Resolution** box, to set the zoom factor.

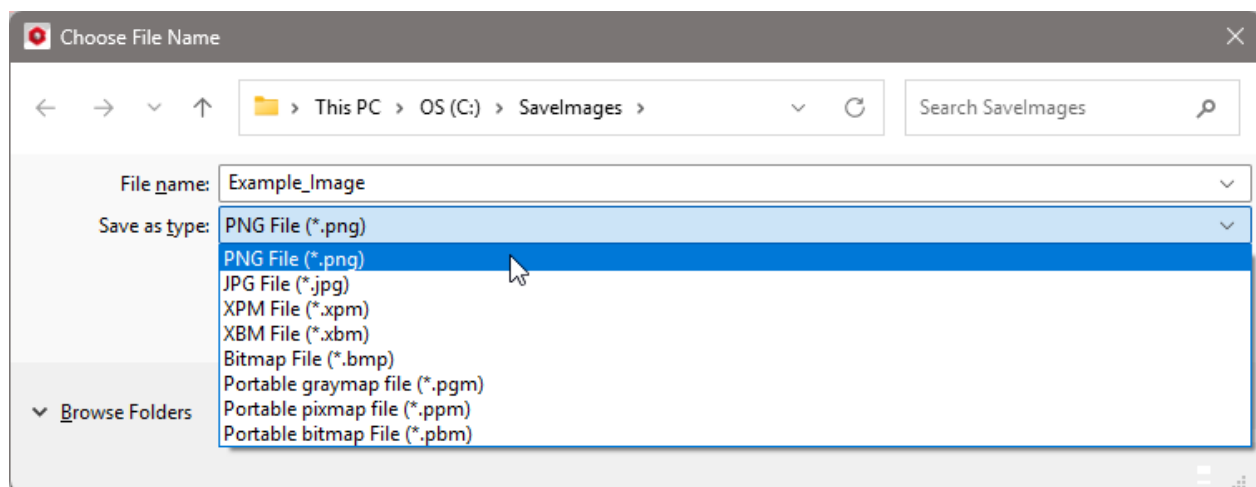
A **Preview** of the image is shown in the right part of the dialog.



Save Image

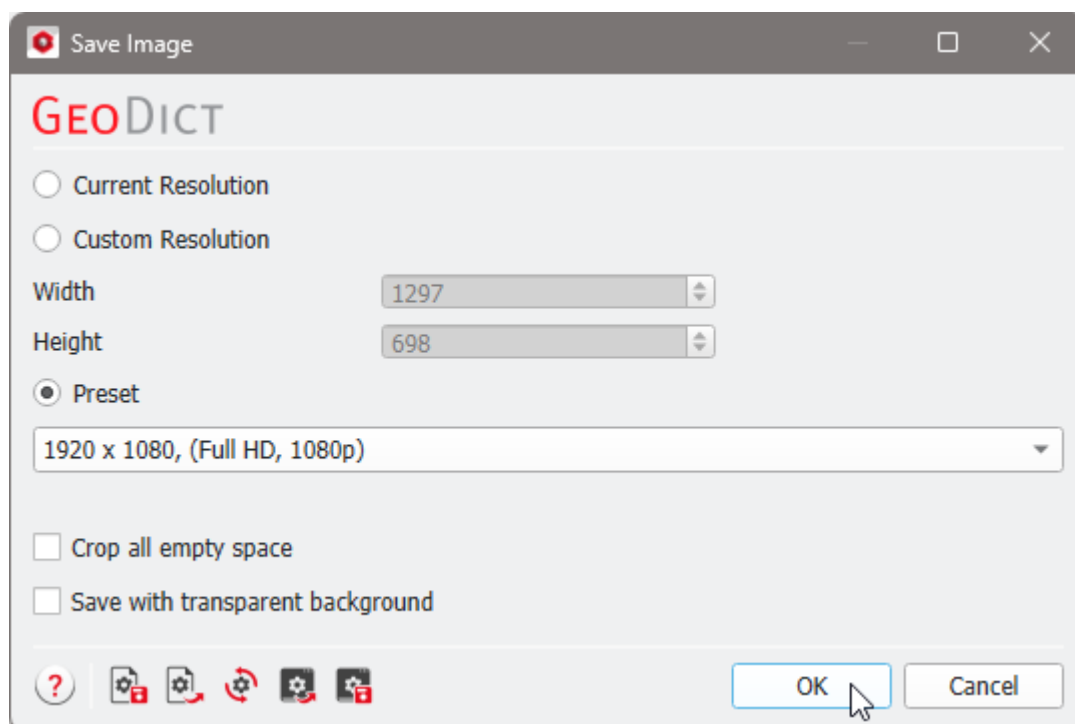
Click **OK** to select the settings for your image.

Choose a **File Name** and an image format and save the image by clicking **Save**.



1.3 Save 3D Images

To save a 3D image of your result, switch to the **3D** view, either by selecting the 3D icon  in the toolbar or by selecting **View** → **3D Rendering** from the menu bar before selecting **File** → **Save Image** as.



Resolution

Choose the resolution to save the image with the **Current Resolution**, define a **Custom Resolution** or use a **Preset** resolution. For **Custom Resolution** enter the desired values for **Width** and **Height**.

Crop all empty space

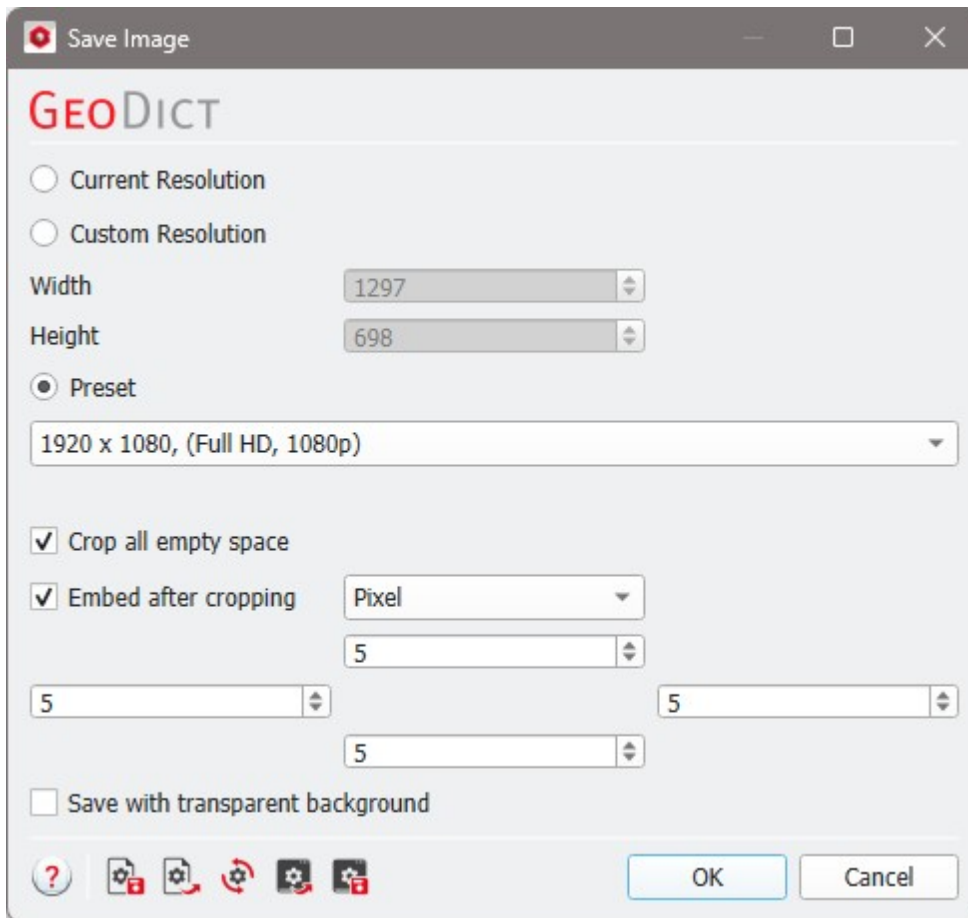
Select **Crop all empty space** to reduce the image size by removing all borders in background color.



Important! This is a post-processing option. **After** generating the image with the given pixel values, the image is cropped. This reduces the image size!

If it is important to obtain a standard image size chosen for preset, it is not recommended to crop all empty space.

If this is selected, the image can be embedded in borders with the background color (**Embed after cropping**). The number of pixels or a percentage value for each border can be defined separately in this case.



Save with transparent background

Finally, check **Save with transparent background** to save the image without a background color.



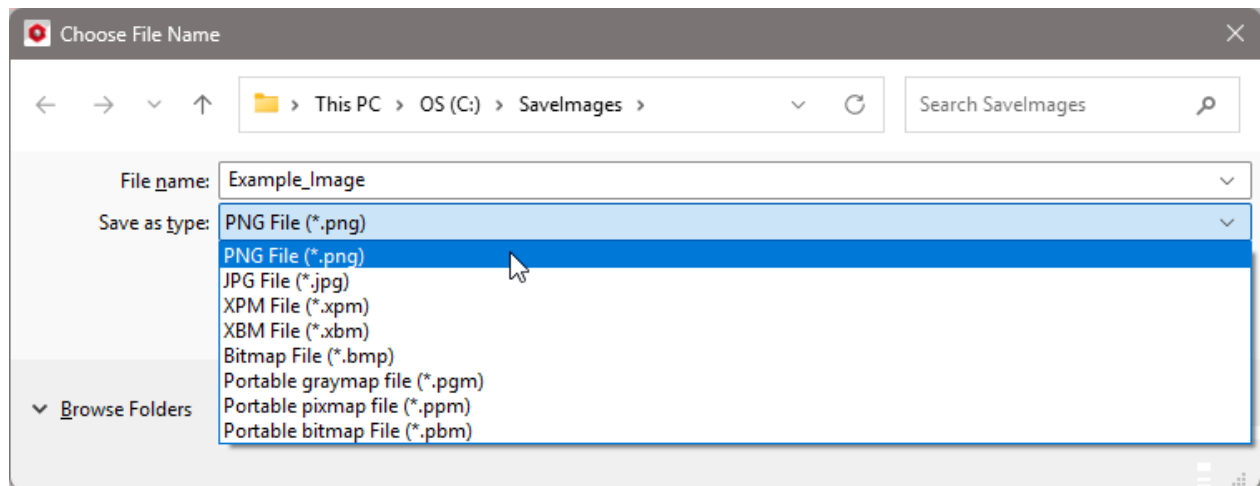
Important! This option is not possible for JPG images which do not support this feature. If you save an image with transparent background as JPG, the background is set to black.

Save Image

Click **OK** to select the settings for your image.

Choose a **File Name** and an image format and save the image by clicking **Save**.

Save Images: Save 3D Images

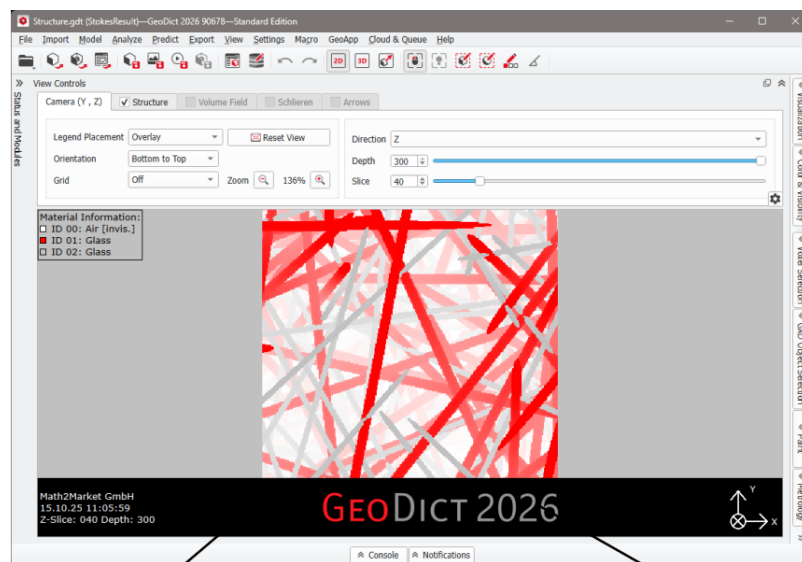


1.4 Shortcuts

There is a shortcut to copy the content of the visualization area to the clipboard. Press **CTRL+C** to copy the whole visualization area with the same resolution as it is currently displayed. The result is the same as if you took a screenshot of the visualization area. The combination **CTRL+C** works the same both in 2D view and 3D rendering. Additionally, you can use **CTRL+X**. This has different effects in 2D and 3D visualization.

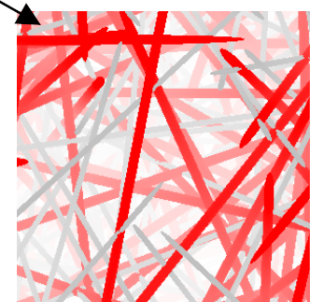
2D View

In **2D View** using **CTRL+X**, an image of only the current domain is copied to the clipboard. The image has a 1:1 resolution of the structure, meaning that 1 voxel will be represented by 1 pixel in this image.



CTRL + C

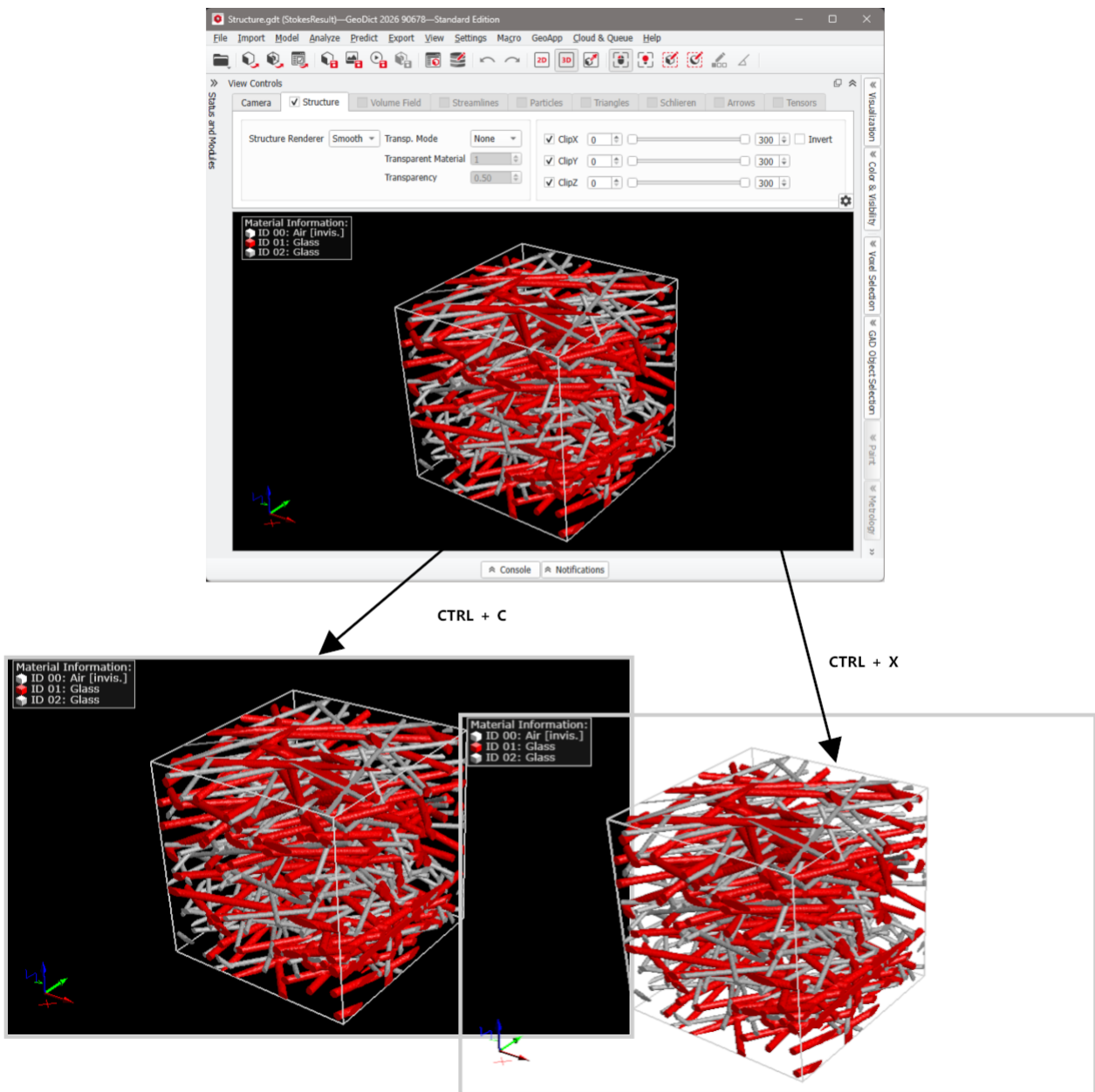
CTRL + X



3D View

In **3D view**, **CTRL+X** copies the whole visualization area with transparent background to the clipboard.

Save Images: Shortcuts



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