

Version: Alpha

# SEG4D

Segmentation for Cultural  
Heritage Diagnosis

This software has been  
funded by the Comunidad  
de Madrid through the call  
Research Grants for Young  
Investigators from Universidad  
Politécnica de Madrid



**Comunidad  
de Madrid**

## SEG4D INSTALLATION GUIDE

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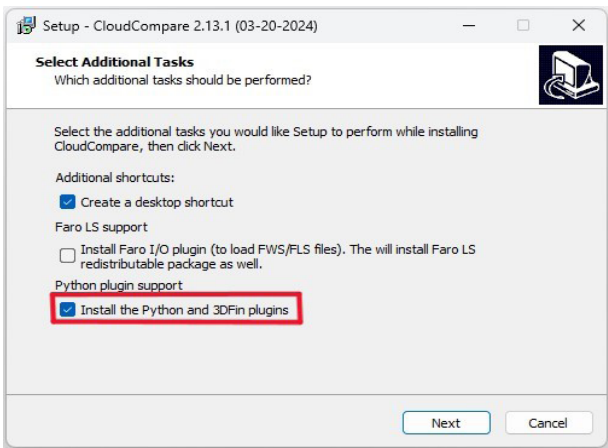
# Seg4D installation user guide

## o. Requirements before installation

First of all, you will need to have CloudCompare and its CloudCompare-PythonPlugin extension installed. The latest version of CloudCompare (2.13.1) already contains the CloudCompare-PythonPlugin extension. You can download it here:

<https://www.danielgm.net/cc/>

Please note to select the «Install the Python and 3DFin plugins» button in the first CloudCompare® installation window.



1.o.CloudCompare installation requirements






In case you already have the CloudCompare application installed without the extension, this page informs you about the steps to download it:

<https://tmontaigu.github.io/CloudCompare-PythonRuntime/building.html#building-as-plugin>

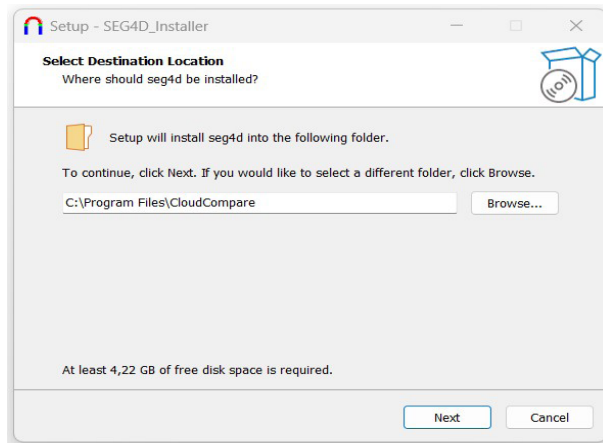
## 1. Installation of Seg4D

Firstly, you must run «SEG4D\_Installer Setup.exe», the first file in the folder (double left click).

1.1. Seg4D installation files

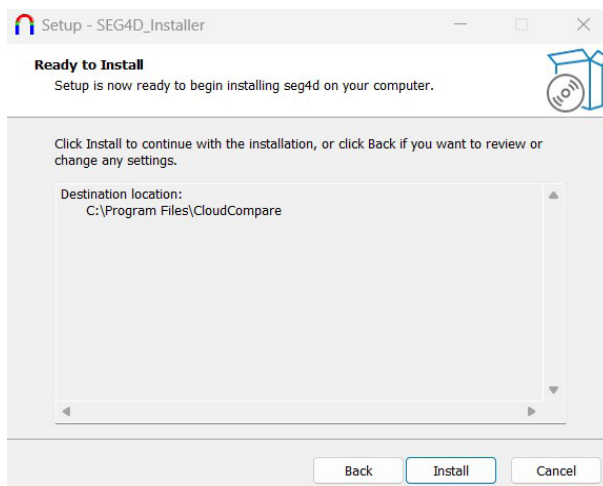
 SEG4D_Installer Setup	27/03/2024 12:32	Aplicación	8.374 KB
 SEG4D_Installer Setup-1	27/03/2024 12:22	Archivo BIN	2.042.408 ...
 SEG4D_Installer Setup-2	27/03/2024 12:32	Archivo BIN	538.710 KB

Make sure you have more than 8 GB free on the disk where you have CloudCompare installed. Once you have opened the installer, you will be presented with the following window:



1.2. Seg4D first window of installation

You will see the following default directory (C:\Program Files\CloudCompare) where you have CloudCompare installed. If you have it installed in another folder or disk, click on «Browse» and manually select the folder where you have CloudCompare installed. Then, press “Next”.



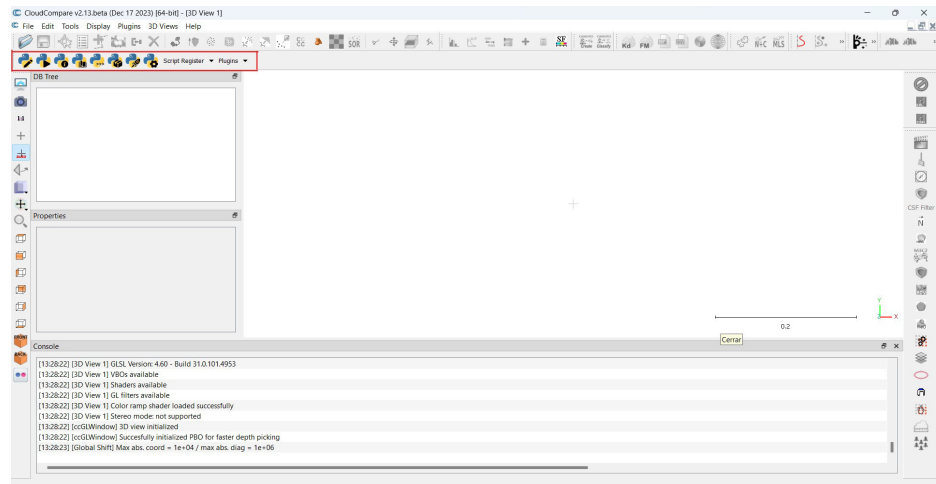
1.3. Seg4D second window of installation

If everything is correct, then press “Install”. Wait until the program is installed.

## 2. Open SEG4D from CloudCompare-PythonPlugin

Once all the software is installed, open CloudCompare and click on the CloudCompare-PythonPlugin icons below:

1.4. Open CloudCompare-  
PythonPlugin tools



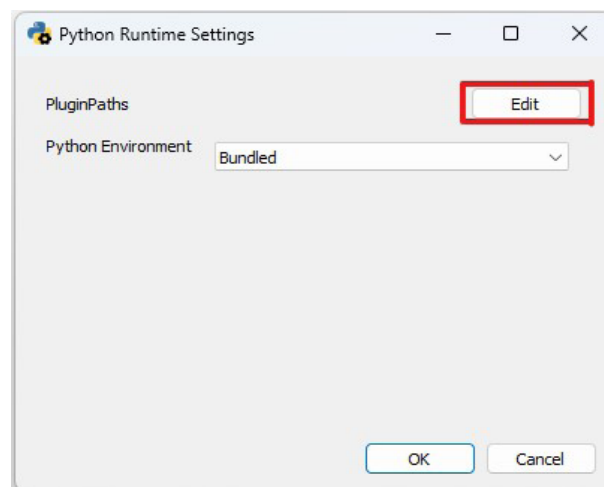
Select “Show some settings” tool:

1.5. «Show some settings» tool

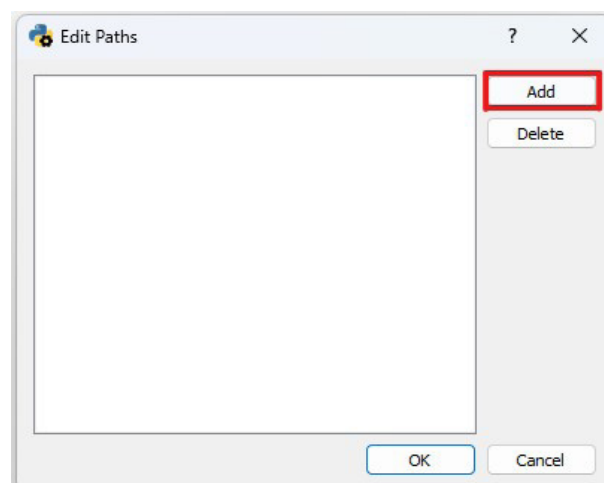


Now, press “Edit”, and then “Add”:

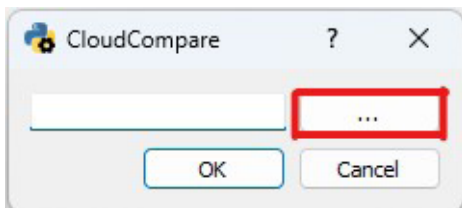
1.6. First window of «Show  
some settings» tool



1.7. Second window of «Show  
some settings» tool

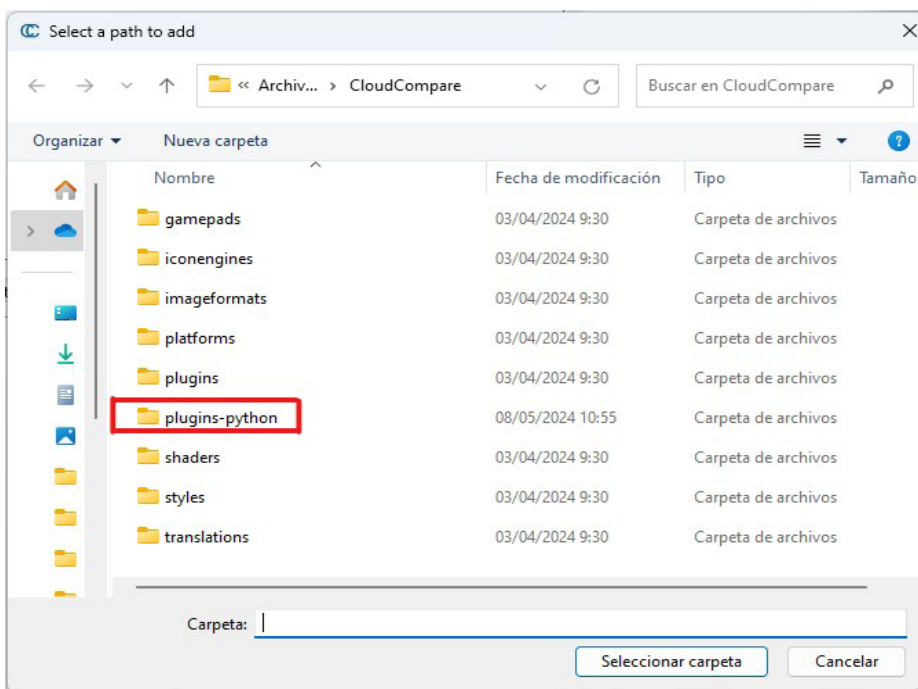


Press “...” to select the path where is located the Seg4D plugin:



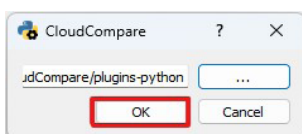
1.8. Third window of «Show some settings» tool

Then, select the “plugins-python” folder into the CloudCompare folder:

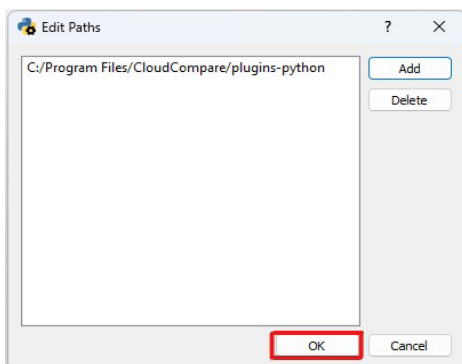


1.9. «Plugins-python» path selection

Press 3 times “OK” consecutively to accept the path addition:

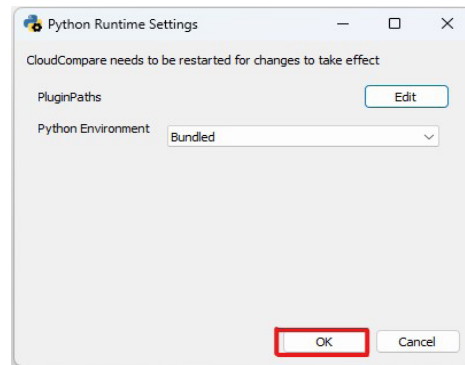


1.10. Third window of «Show some settings» tool



1.11. Second window of «Show some settings» tool

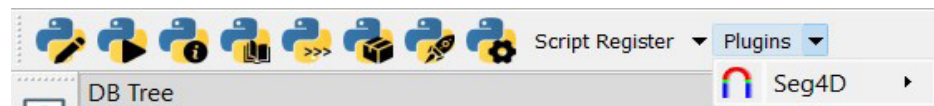
1.10. First window of «Show some settings» tool



Now, restart the CloudCompare program and then restart it with administrator rights.

Then, select the arrow to the right of «Plugins», and finally press “Seg4D”.

1.12. Seg4D plugin opening



Congratulations, now you can use the plugin Seg4D. Enjoy.