



## 1 - PRE - INSTALLATION

**PolsARpro v6.0.4 (Biomass Edition) Software** requires the installation of the following packages (if not already installed on the machine) :



**Tcl** (*Tool Command Language*) - **Tk** (*ToolKit*) enable the execution of powerful **GUIs** (*Graphical User Interface*). **Tcl-Tk** binary distribution and installers for Windows platform are available for download from :

<https://www.magicsplat.com/tcl-installer/index.html>



**Gimp** (*GNU Image Manipulation Program*) is a free and open-source graphics editor. The current stable release of **Gimp** for Windows platform is available for download from :

<https://www.gimp.org/downloads/>



**ImageMagick** is a free and open-source software suite for converting / creating / editing image files. The current stable release of **ImageMagick** for Windows platform is available for download from :

<https://www.imagemagick.org/script/download.php#windows>



**SNAP** (*Sentinel Application Platform*) reunites all Sentinel Toolboxes in order to offer the most complex platform for this mission. The current stable release of **SNAP** for Windows platform is available for download from :

<http://step.esa.int/main/download/>



**Google Earth** is a computer program that renders a 3D representation of Earth based on satellite imagery. The current stable release of **Google Earth** for Windows platform is available for download from :

<https://www.google.com/earth/download/gep/agree.html>

## **2 - INSTALLATION**

To install **PolSARpro v6.0.4 (Biomass Edition) Software**, double click on :

***PolSARpro\_v6.0.4\_Biomass\_Edition\_Win64\_Installer\_YYYYMMDD.exe***

(YYYYMMDD = date) then follow the installation setup procedure.

## **3 - DIRECTORY STRUCTURE**

Once installed, the **PolSARpro v6.0.4 (Biomass Edition) Software** directory is named ***PolSARpro\_v6.0.4\_Biomass\_Edition*** and is located in the folder **Program Files (x86)**. It presents the following structure:

- **ColorMap** directory contains user defined or modified PolSARpro colour-map files
- **Config** directory: contains all the different software configuration files
- **GUI** directory contains all the widget window Tcl-Tk files.
- **Help** directory contains the PolSARpro Help files.
- **Help-v6** directory contains new PolSARpro Help files.
- **License** directory contains all the PolSARpro licenses files
- **Log** directory will contain all the log files created for each session.
- **Soft** directory contains ready to use executable processing files and libraries.
- **TechDoc** directory contains the technical documentations relative to all the GUI Widgets and C-Routines used in PolSARpro.
- **Tmp** directory is empty after installation and is used by PolSARpro during each session.

***It is strictly recommended not to change, extract, move or modify any component (tcl-tk widgets, executable processing files, colormaps, help files, PDF files...) included in the PolSARpro v6.0.4 (Biomass Edition) Software directory and / or change its structure.***

## **4 - RUNNING POLSARPRO V6.0.4 (BIOMASS EDITION) SOFTWARE**

To run the **PolSARpro v6.0.4 (Biomass Edition) Software**, start the GUI (Graphical User Interface) by double-clicking the  **PolSARpro\_v6.0.4\_Biomass\_Edition** icon located either on the user desktop, in the Quick Launch Toolbar or in the root directory of PolSARpro.