

**From:** [Alessio Saviano](#)  
**To:** [Giulio Nicolai](#)  
**Cc:** [Pooyan Ghasemi](#); [Søren Peder Hyldal Sørensen](#); [Frederik Mitev](#)  
**Subject:** AO1: CO-DRIVE Alpha version QA  
**Date:** 04 May 2020 18:55:00

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Hi Giulio,

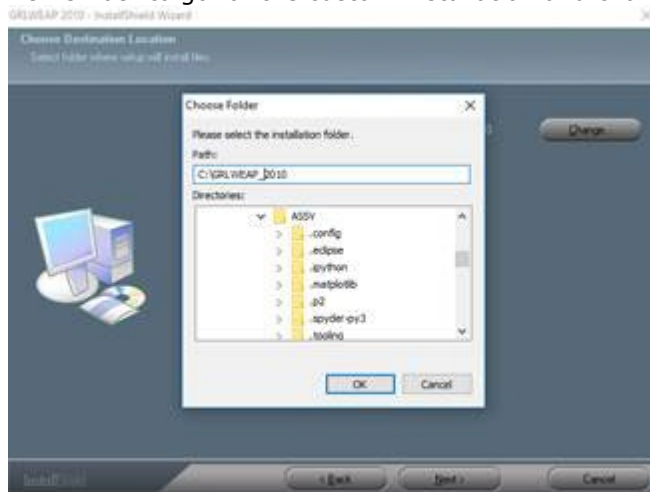
FOR ALL: I WILL SAVE THIS E-MAIL IN THE FOLDER BUT BETTER IF YOU ALSO INSTALL EVERYTHING ASAP.

Here some Guidance notes, please go through them and watch carefully the presentation by Pooyan tomorrow. Then, I suggest you have couple of run by yourself and then we can set-up the meeting in which you ask all the questions and we discuss about the analyses program to QA all the functionalities.

1. The most updated version is [here](#). Let's call it homePath.
2. To make it run you need to re-install GRLweap in "C:\GRLWEAP\_2010" because C:\ it's the only folder where your user has administrative rights:

- a. Uninstall GRLweap by the use of the "Uninstall software" provided by COWI (MAYBE YOU WANT TO MAKE A COPY OF YOUR HAMMER DATABASE BUT ULTIMATELY THERE IS THE REMOTE PC AS BACKUP)
- b. Re-install GRLweap in "C:\GRLWEAP\_2010" with the procedure specified by the portal (<http://www.cowiportal.com/com/c000304/SitePages/Software%20details%20-%20GRLWeap.aspx>).

- i. This is the link to the install file if the portal does not work as for me : [T:\TEKAPPS\Geotechnical\\_software\GRLEngineers\GRLWeap2010-4](T:\TEKAPPS\Geotechnical_software\GRLEngineers\GRLWeap2010-4). Remember to go for the custom installation and change folder:



- ii. When the installation is finished, the file "sntlconfig.xml" in the installation folder (locally on your own PC) should be replaced by the updated file in the link : [T:\TEKAPPS\Geotechnical\\_software\GRLEngineers\sntlconfig](T:\TEKAPPS\Geotechnical_software\GRLEngineers\sntlconfig).
- c. In the homePath, take the zip file "DIGW-FILES.zip" and paste it in "C:\GRLWEAP\_2010" and extract-all the file.

Clipboard	Organize	View	Open	Select
This PC > Windows (C:) > GRLWEAP_2010				
Name	Date modified	Type	Size	
Application	09/04/2012 15:47	Icon	2,364 KB	
CheckSentinelKey.dll	17/08/2010 17:02	Application extension	40 KB	
Datalog.dll	17/02/2010 14:54	Application extension	33 KB	
DIGW	01/06/2010 08:46	Microsoft Word Document	21 KB	
DIGW	18/12/2014 09:43	Application	121 KB	
file_list	01/06/2011 16:59	Text Document	1 KB	
GRLWEAP	08/10/2012 16:21	Application	2,540 KB	
Grlweap	18/01/1999 13:16	Icon	6 KB	
GRLWEAP_HELP	30/08/2011 14:43	Compiled HTML Help file	24,909 KB	
GRLWEAP1997_input_manual	26/05/2011 10:58	Adobe Acrobat Document	3,700 KB	
grlweap2010.rtf	23/07/2012 14:50	RTF File	4 KB	
GRLWEAP-2010-Background	18/07/2012 16:32	Adobe Acrobat Document	2,177 KB	
gwb	06/08/2011 13:10	Application	1,580 KB	
gwb	22/01/2015 16:32	Application	218 KB	
Gwb	22/01/2012 16:32	Application	278 KB	
Gwb	25/11/2008 15:39	Application	301 KB	
GWT format	02/06/2011 12:01	Microsoft Word Document	140 KB	
Gwb	11/07/2011 12:58	Application	270 KB	
KEYLIB32.dll	11/02/2010 18:02	Application extension	581 KB	
LLCS4.dll	17/02/2010 14:55	Application extension	215 KB	
Machrom1	20/06/1996 22:37	Application	16 KB	
Pdconv.dll	19/10/2004 14:03	Application extension	40 KB	
Report4.dll	17/02/2010 14:55	Application extension	138 KB	
SecureUpdate.dll	13/11/2003 01:00	Application extension	249 KB	
SentinelKeyUpdate.dll	18/06/2007 17:53	Application extension	20 KB	
SentinelKeyW.DLL	20/01/2008 15:31	Application extension	2,361 KB	
srlicconfig	20/10/2016 16:10	XML Document	2 KB	
SVKey4.dll	12/01/2012 15:43	Application extension	34 KB	
TestDigW	18/05/2011 14:36	Application	93 KB	

- d. Make sure you open normally the first time to initialize the license



e.

3. Install Python, <https://www.anaconda.com/products/individual> (I think you have your anaconda version, that's ok!)

- a. In windows bar type anaconda prompt, open it and type "pip install pywinauto", press enter to install the module

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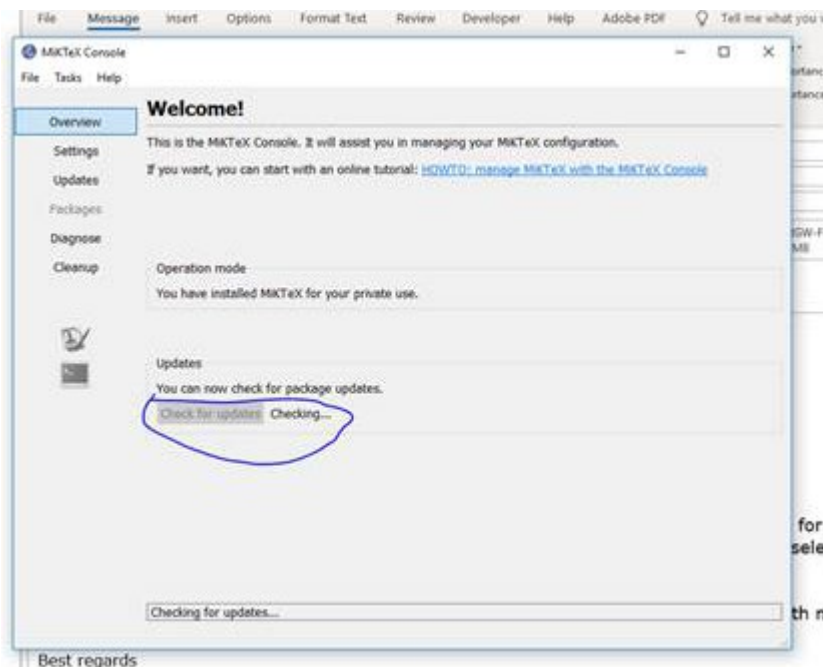
Anaconda Prompt (base): pip install pywinauto
(base) C:\Users\ASSV>pip install pywinauto
Requirement already satisfied: pywinauto in c:\users\assv\appdata\local\continuum\anaconda\lib\site-packages (0.6.8)
Requirement already satisfied: comtypes in c:\users\assv\appdata\local\continuum\anaconda\lib\site-packages (from pywinauto) (1.1.7)
Requirement already satisfied: six in c:\users\assv\appdata\local\continuum\anaconda\lib\site-packages (from pywinauto) (1.12.0)
Requirement already satisfied: pywin32 in c:\users\assv\appdata\local\continuum\anaconda\lib\site-packages (from pywinauto) (223)

def remove_files(DepthIntervallID, DirectoryLocation_name):
    for i in DepthIntervallID:
        File_name=DirectoryLocation_name+"*"+str(i)+"*.VVP"
        WindowsFileDelete = File.Delete(File_name)
  
```

4. Install TexMaker <https://www.xm1math.net/texmaker/download.html>

5. Install MikTek <https://miktex.org/download>

- a. Open Miktek console and run all the updates:



6. Open "Soil2GRLWEAP.xlsx" in the homePath, to check you have the soil input for the location/s you need.
7. Open "PDACalc.xlsx" (You cannot change the name of this file, it's like COSPIN manual input) in the homePath, to set-up all the input (Make sure you select a hammer that is in the database) you need for the analyses (Pooyan and I can explain tomorrow with the tutorial all the functions in this file).
8. Remember to activate Citrix if working from home.
9. Open "RunMe.m" in the homePath, make sure your GRLweap installation path match with the one in the first line, run!

Best regards

**Alessio Saviano**

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Offshore Wind

**COWI**

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