

DSM2 Learning Series: ECO-PTM

April 15, 2024



Modeling Support Office, Delta Modeling Section

CALIFORNIA DEPARTMENT OF WATER RESOURCES

ECO-PTM Training

Technical Setup Session, April 15, 2024



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Prerequisites for running ECO-PTM

Windows or Linux Computer

- Administrative privileges
- 300 MB free space

Software Installation

- DSM2 (includes ECO-PTM model & input)
- Text editor
 - Notepad++
- File/folder comparison tool
 - WinMerge
- HEC DSSVue

Basic Skills

- Use file manager (Windows Explorer) to manage files and folders
- Entering commands at the command line
- Editing text files

Software Download Links

- Download and unzip ECO-PTM model and example study files:
 - <https://data.cnra.ca.gov/dataset/eco-ptm-training-example-studies>
- Install HEC DSSVue v2.0.1 (for viewing model output):
 - <https://www.hec.usace.army.mil/software/hec-dssvue/downloads.aspx>
- Install Notepad++ (or text editor of your choice):
 - <https://notepad-plus-plus.org/downloads/>
- Install WinMerge (optional):
 - <https://winmerge.org/downloads/?lang=en>

Unzip to a folder such as

D:\delta\dsm2\
C:\delta\dsm2\

ECO-PTM Training Example Studies

These studies are for the hands-on exercises in the DSM2 ECO-PTM Training. The input files included here are only for training purposes. They are not intended to be used for actual studies.

Organization



California
Department of Water

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Data and Resources

zip file containing model executables and studies

DSM2

Manage

Explore

More information

Download

Edit

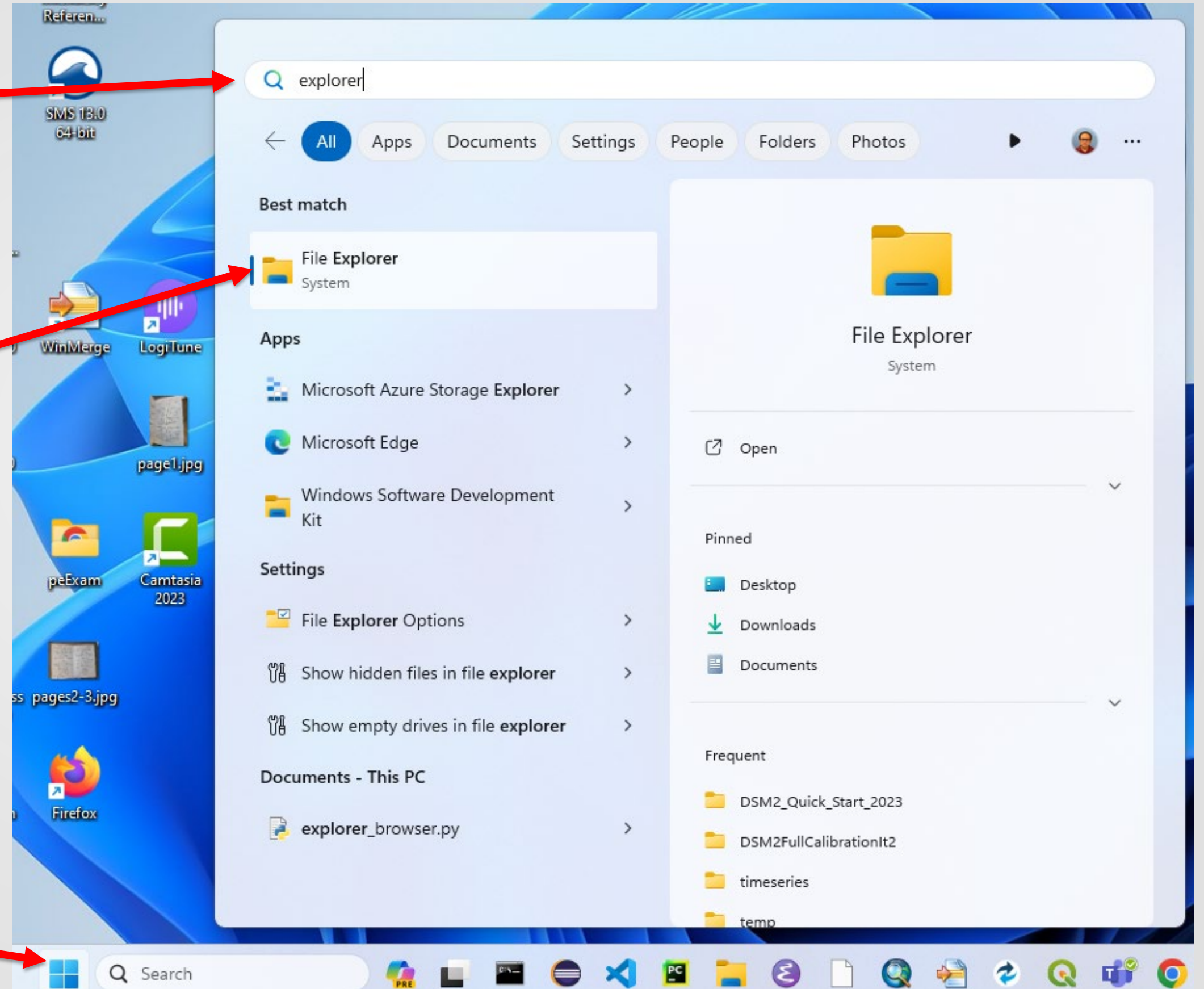
Unzipping model/studies:

Open Windows Explorer

2. Enter “explorer” into the search box

3. Click the “File Explorer” icon

1. Click the Windows icon

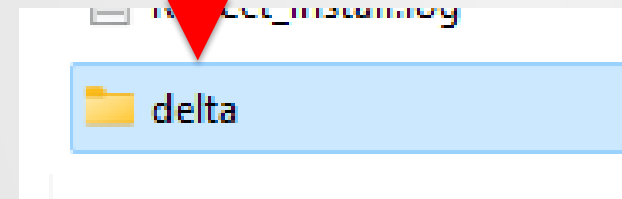
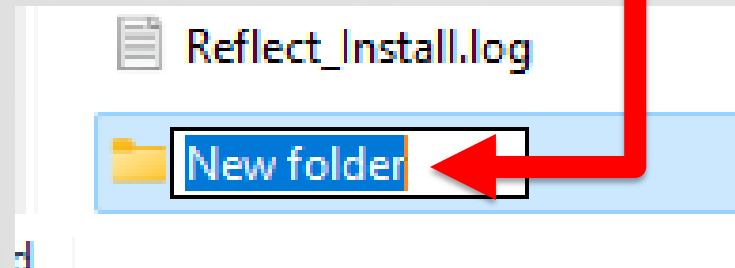


Unzipping model/studies creating delta\dsm2\ folder

1. In Windows explorer, navigate to the top level of one of your drives\

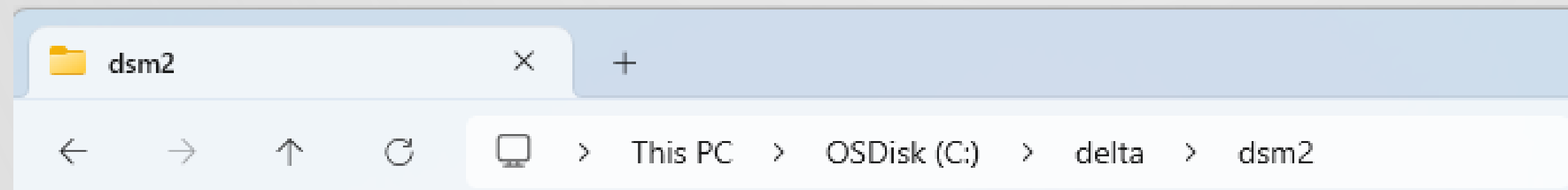
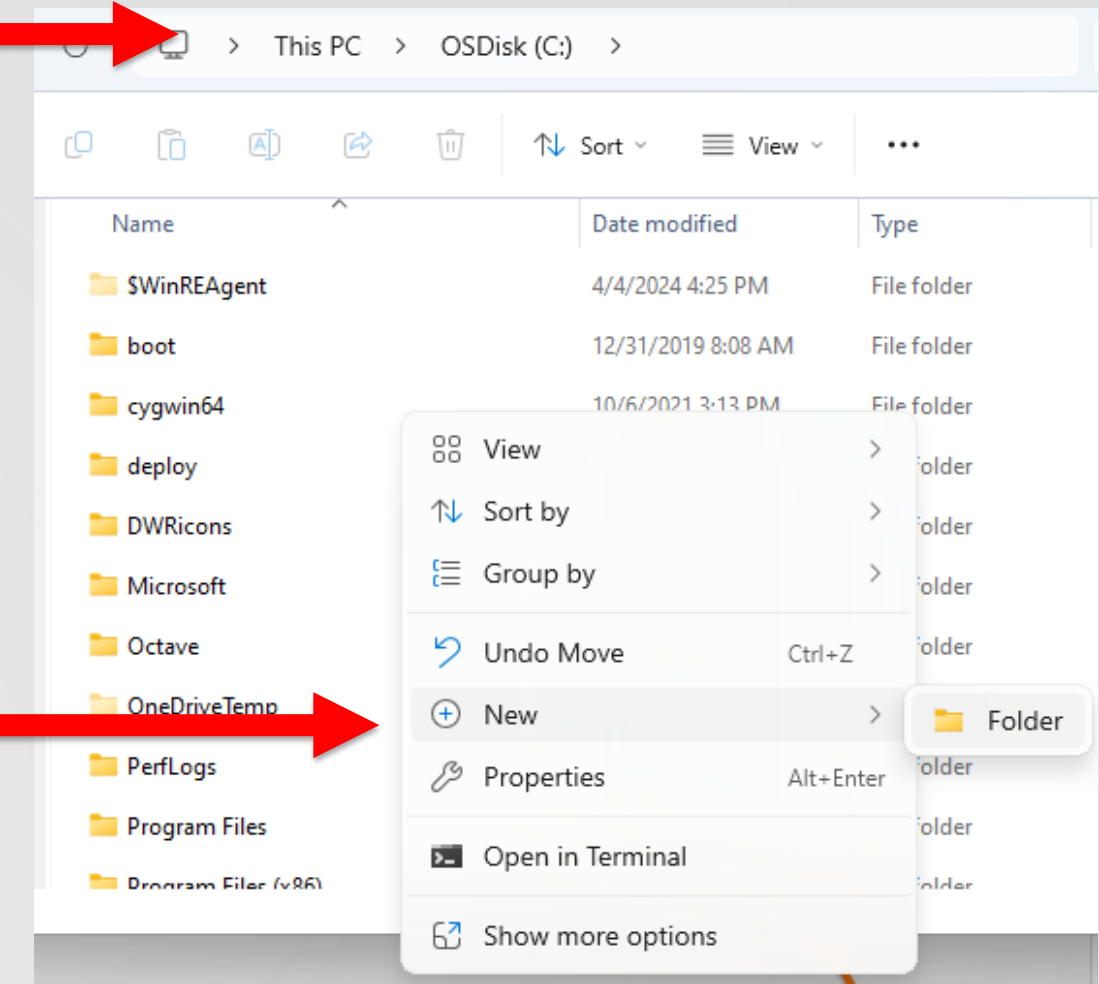
2. Right-click, and select “new-Folder”

3. Change the name of the “New folder” to “delta”. Double click on “delta” to open it.



4. Repeat steps 2-3 to create a new folder inside “delta”, and name it “dsm2”

5. You should now have a “delta\dsm2\” folder



Unzipping model/studies

Unzipping folders

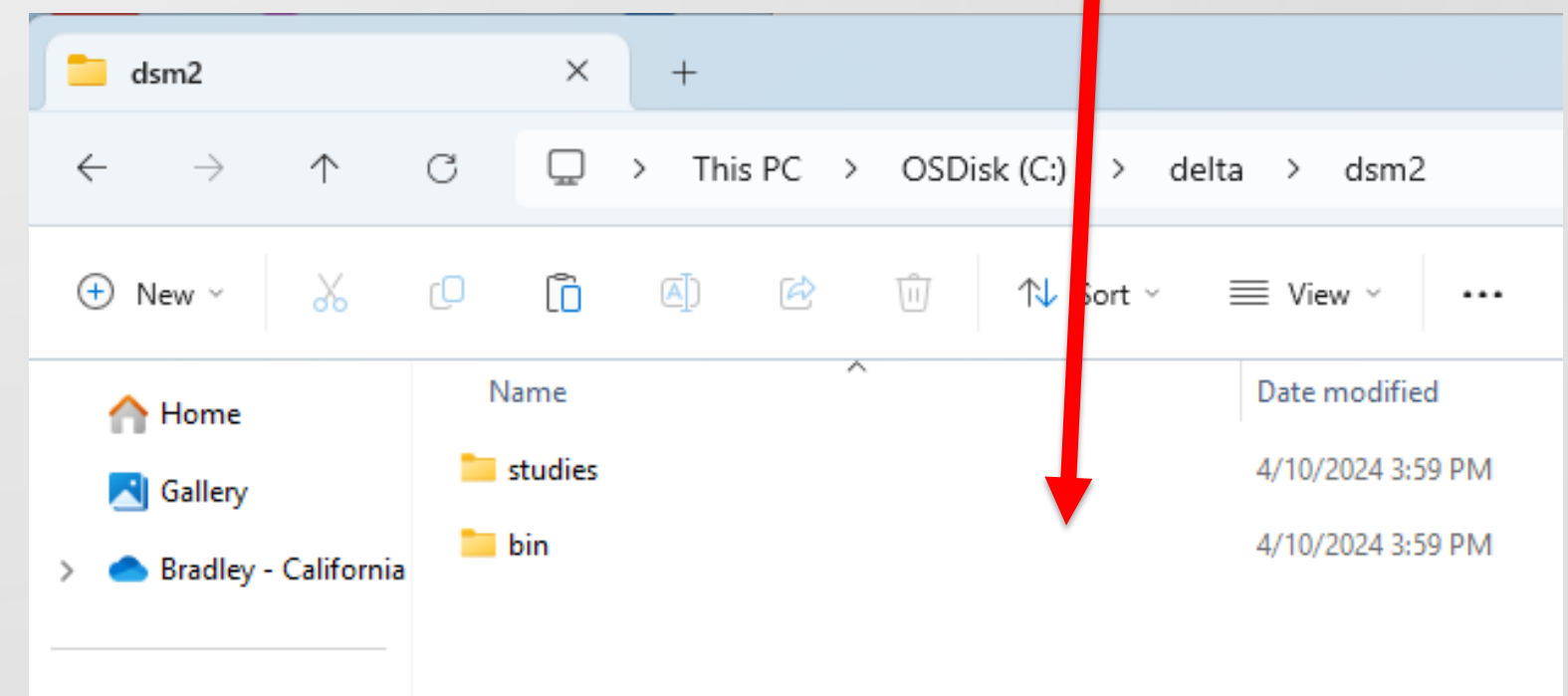
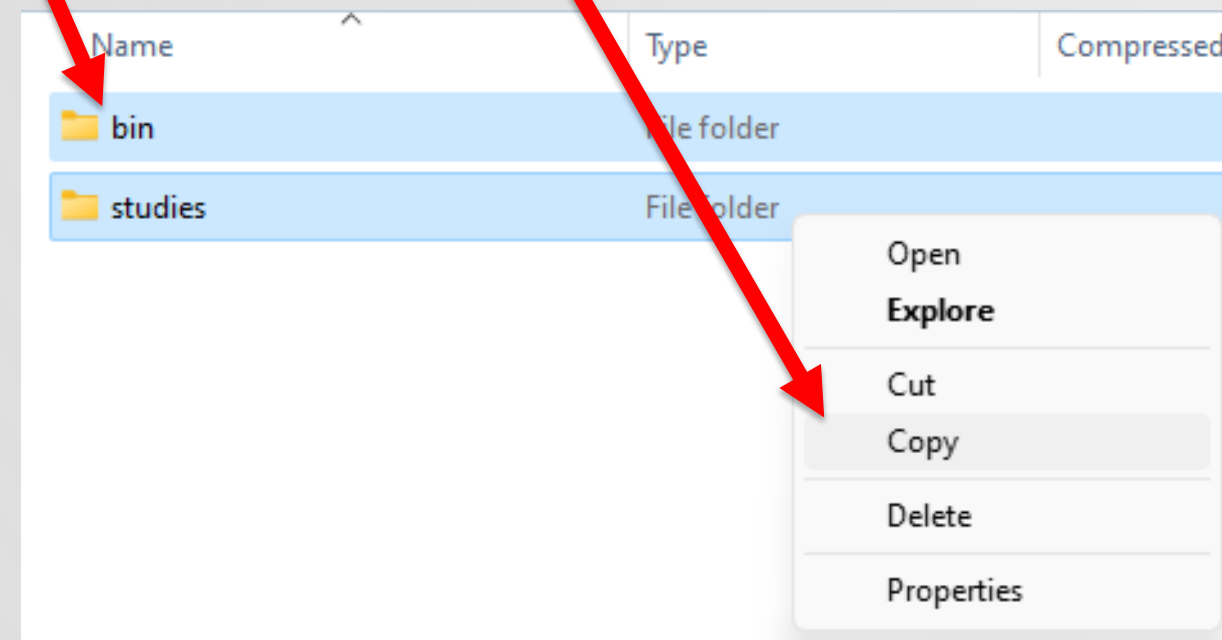
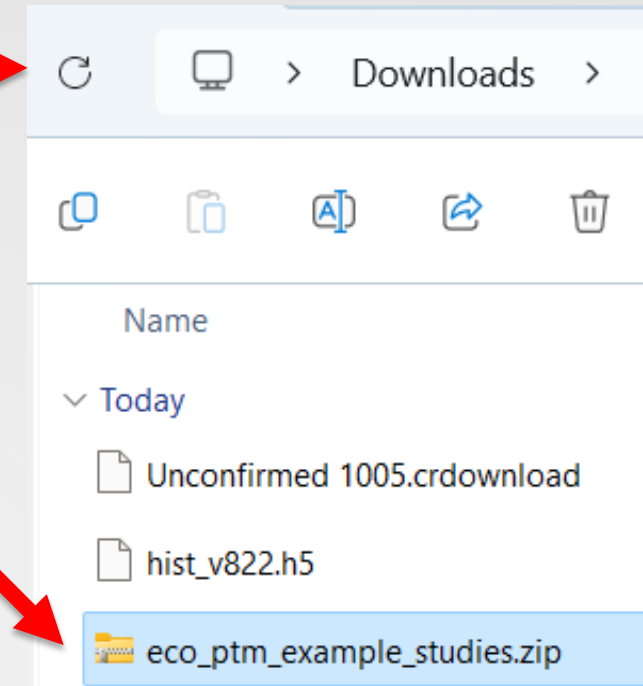
1. Navigate to “Downloads” folder

2. Double-click on eco_ptm_example_studies.zip

3. Shift-click to select both folders,

4. Right-click, and select copy

5. Open a second Windows Explorer window, and navigate to your new “delta\dsm2\” folder. Press ctrl-v to unzip the folders to your new folder.



HEC DSSVue v2.0.1 download page

hec.usace.army.mil/software/hec-dssvue/downloads.aspx

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SOFTWARE > HEC-DSSVUE > DOWNLOADS

Windows:

Release Version:

- [Download](#) HEC-DSSVue 3.3.29 Portable Version for Windows(143 MB)[[Release Notes](#)]
- [Download](#) HEC-DSSVue 3.3.29 for Windows (129 MB)

Beta Version:

- [Download](#) HEC-DSSVue BETA 3.3.31 Portable Version for Windows(140 MB)[[Release Notes](#)]

Archived Versions:

- [Download](#) HEC-DSSVue 3.2.3 Portable Version(139 MB)
- [Download](#) HEC-DSSVue 2.0.1 for Windows (66.5 MB) [[Release Notes](#)]
- [Download](#) HEC-DSSVue 2.0.1 Portable Version (61.7MB) [[Release Notes](#)]

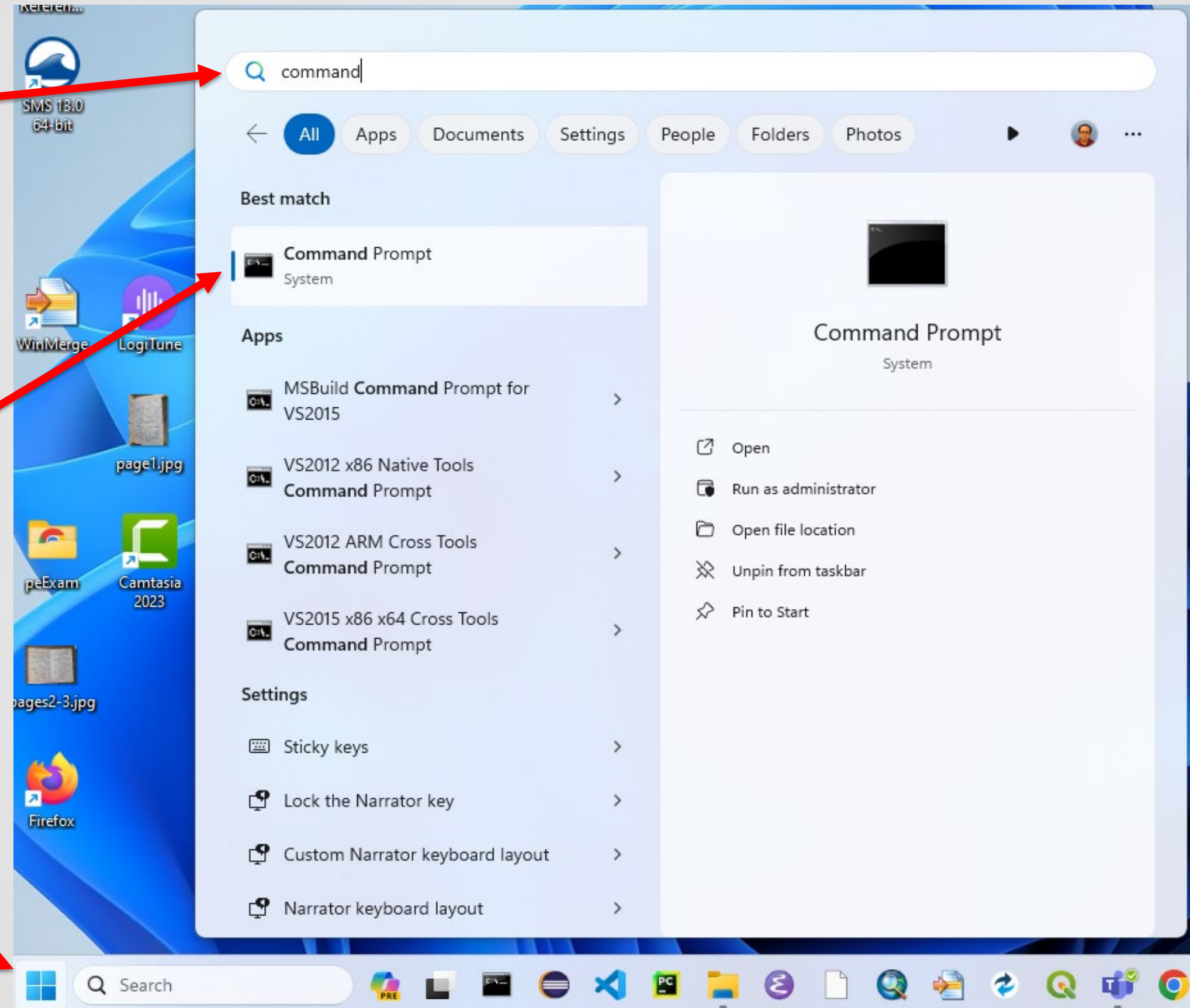
Expand
“Archived
Versions”

Opening a command prompt window

2. Enter “command” into the search box

3. Click the “Command Prompt” icon

1. Click the Windows icon



Questions?



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