



# EXERCISE 1: DOWNLOAD AND INSTALL THE FUSION PROGRAM AND EXAMPLE DATA



Document Updated: April 2008



*The default destination folder for the Fusion program is C:\Fusion#\1. We recommend keeping it there because the path name is short and you will be typing that path often in subsequent exercises.*



*There are a number of advantages to using the suggested path (C:\lidar\SampleData\) to store the Example Data including: that is how we will refer to the data location for these tutorials.*

## Prerequisites

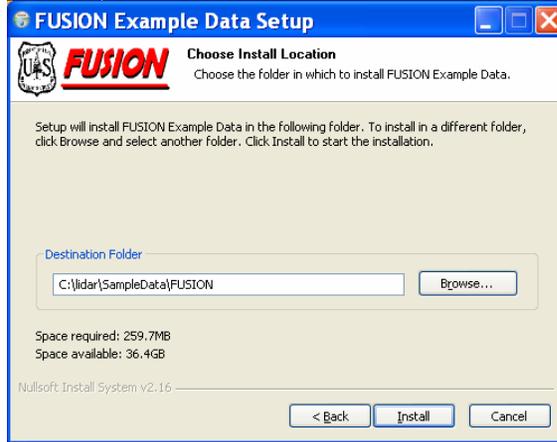
- A connection to the internet
- At least 500 megabytes of available disk space

## Procedure

1. Open a browser and connect to: <http://forsys.cfr.washington.edu/fusion/fusionlatest.html> to open "The Latest Version" Fusion webpage.
2. Click the **Install File** hyperlink to open the **File Download** dialog for Fusion\_Install.exe.
3. Click the **Save** button to open the **Save As** dialog.
4. Navigate to a location of your choosing (one that you will remember) and/or create a new folder and click **Save**. The file (Fusion\_Install.exe) will download.
5. When the download is complete, **Open** (or Launch) Fusion\_Install.exe. The first screen of the **Fusion Setup** dialog will display.
  6. Keep the default installation **Components** and click **Next >**.
  7. Keep the default **Install Location** (see sidebar) and click **Next >**.
  8. And, keep the defaults for the **Start Menu Folder** and click **Install**.
  9. After the installation completes, click **Close**.
10. From the "The Latest Version" web page, click the **Example data** hyperlink to open the **File Download** dialog for Fusion\_ExampleData.exe .
11. Click the **Save** button and save the file in the same location as the Fusion\_Install file.
12. When the download is complete, **Open** (or Launch) **Fusion\_ExampleData.exe**. This will open the **Fusion Example Data Setup** wizard...
  13. Screen 1: keep the default of installing all the data (both components).
  14. Screen 2: do NOT accept the default destination. Click the **Browse...** button to open the **Browse for Folder** dialog:
    15. Navigate to the root of the C: drive C:\ and click the **New Folder...** button.
    16. Name the new folder **lidar**.
    17. Select the C:\lidar folder and click the **New Folder...** button again.



## EXERCISE 1: DOWNLOAD AND INSTALL THE FUSION PROGRAM AND EXAMPLE DATA



*The Destination Folder screen showing the suggested path (C:\lidar\SampleData\FUSION) with the addition of the FUSION folder, to store the Example Data. However, the fusion data installation program will put the data in: c:\lidar\SampleData\FUSION\Example We recommend that you move the data back up to: c:\lidar\SampleData\.*

18. Name this folder **SampleData**.

19. Click **OK** to close the **Browse for Folder** dialog and return to the wizard Destination screen.

*You will now see that a folder named "FUSION" has been added to your designated path, leave the folder for now.*

20. Click the **Install** button.

21. Once the installation finishes successfully, click the **Close** button.

22. Start Windows Explorer and navigate to C:\lidar\SampleData. You'll notice there is no data in this folder—two new sub-folders called **FUSION\Example** were automatically created that holds all of the example data. This is not what we expected so, for consistency...

23. Open the **Example** folder and move all of the data up to the 2nd parent folder **SampleData**.

24. Delete the **FUSION** and **Example** folders.

*Note: you can install the data anywhere you wish (or copy and move this data to a different location). However, for the subsequent exercises, we'll assume that the data is in C:\lidar\SampleData\.*



*Although it is not required for these exercises, you should download the FUSION manual—it has all the details for the command line processing programs and is updated with each version update.*