

7-Pedon PC Pedon Upload to NASIS

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Title: 7-Pedon PC Upload Pedons to NASIS

Type: Skill Knowledge

Performance Objective:

Trainee will be able to send a set of data to the ftp site for upload into NASIS. The user will also backup their data prior to upload into NASIS.

Trainer Preparation:

- Make sure the participants have machines that they have write permission to the C drive, NASIS 6.0 or higher loaded and access to the internet.
- Participants must also have Pedon PC loaded and a pedon.mdb file available for upload to NASIS.

Special Requirements:

- CCE configuration to ensure that Microsoft Access is compatible with Pedon PC.
- User login to NASIS
- Access to the web to obtain the ftp site to receive the pedon.mdb.

Prerequisite Modules:

- Setup Pedon PC

Procedure:

- Trainer will use as a job aid to help prepare for this task.
- Trainer can then use this job aid as a training module to accomplish the task.

Notes/Purpose:

The purpose is to ensure that user's are familiar with the process for importing data into NASIS.

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Upload Pedons to NASIS

Upon completion of this module the trainee will be able to:

- 1. Identify the correct file to upload to NASIS**
- 2. Upload pedons from Pedon PC to NASIS**

Pedons should be uploaded to NASIS on a regular basis.

NASIS is the only “safe” place to keep pedon descriptions.

We have all seen the fate of correlation “boxes” and file drawers in the past.

Computers are accessed on a regular basis. To leave files in local computers is another way to lose descriptions

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Trainees are encouraged to upload pedons on a regular basis. It is important to ensure that point data is uploaded to NASIS since there is no other formal way to backup or archive the data.

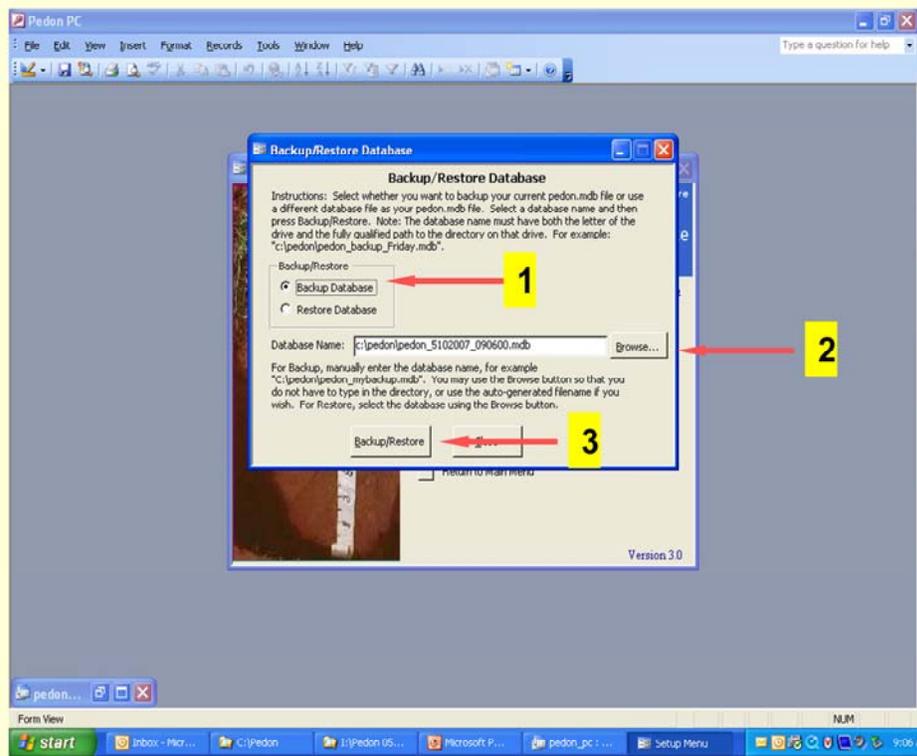
Before starting

- Step 1. Consult your Soil Data Quality Specialist before uploading pedons. The SDQS may request that you import your pedons into a special group for review prior to being assigned to a local group.

Step 2. Make a backup of your pedon.mdb file

2a. From the Main Menu choose Backup/Restore Database.

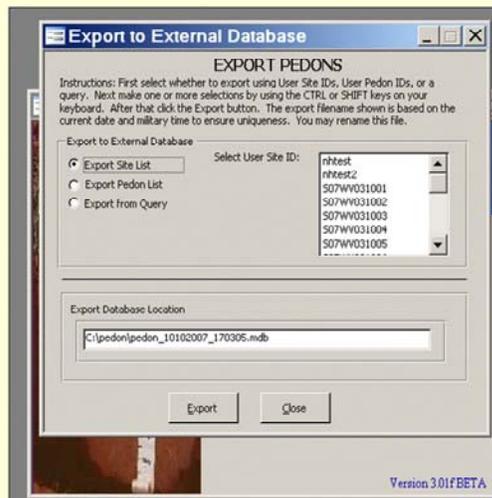
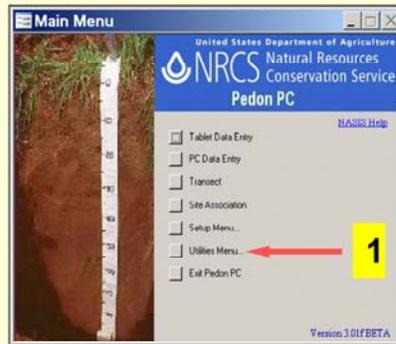
You can accept the defaults or navigate to another drive and give the backup file a unique name.



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Pedon PC allows the user to create a backup of their pedon.mdb database on their local machine prior to uploading to NASIS. If you are connected to the network, it is best to backup the pedon.mdb to a shared drive that is backed up nightly as well.

- Step 2. (optional)
 - 2b. It is possible to upload a portion of the pedons by (1) choosing the Utilities Menu; (2) choosing Export Pedons; and (3) choosing the pedons to export.



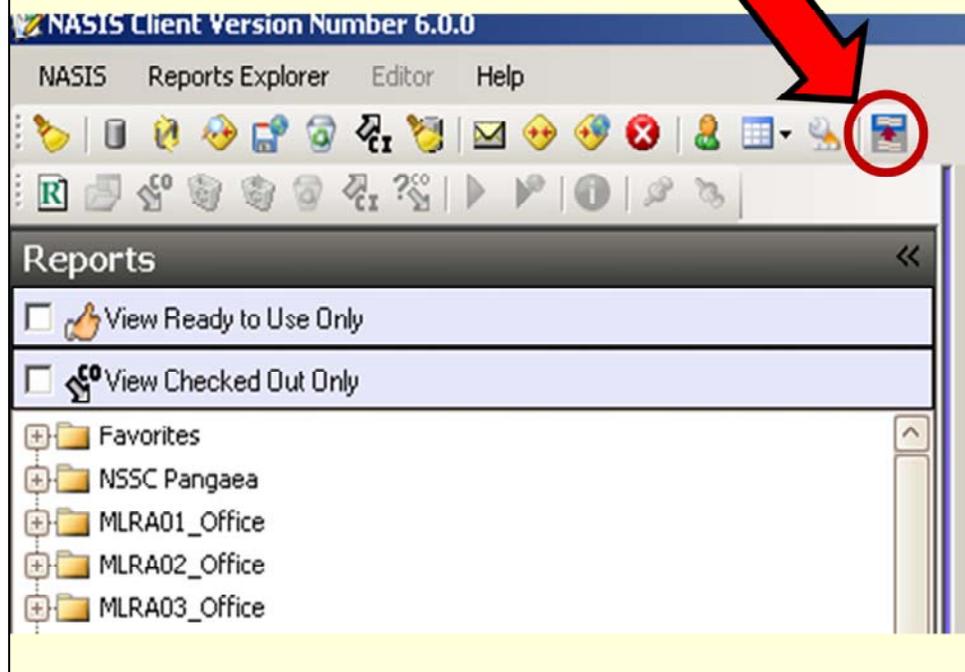
Use mouse click and control or shift keys to select pedons. 5

As of NASIS 6.3 it is necessary to export pedons before importing them to NASIS. The exported pedon_date_time_for_NASIS_6.3.accdb file is in the file that the user would browse to when importing pedons.

Step 3. NASIS allows you to upload pedons yourself

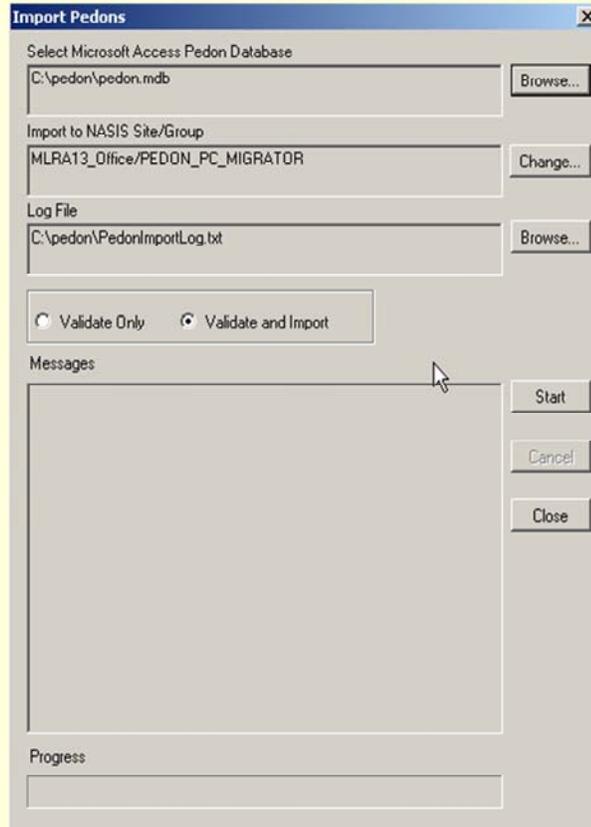
- Choose the Import Pedons icon

Import Pedons



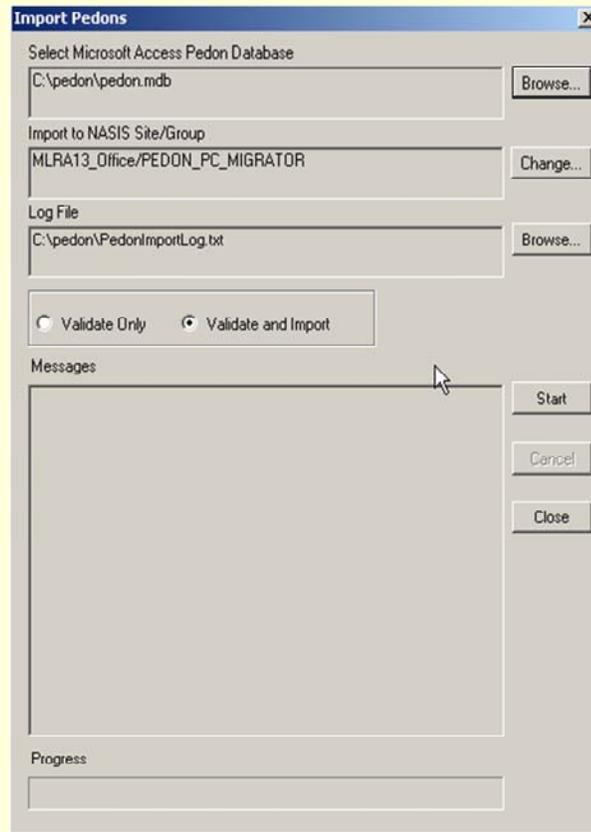
Users can import pedons to NASIS themselves. However, they should check with their soil data quality specialist to obtain the protocol for pedon management.

Step 4. Browse to the file that contains the pedons that you wish to import.



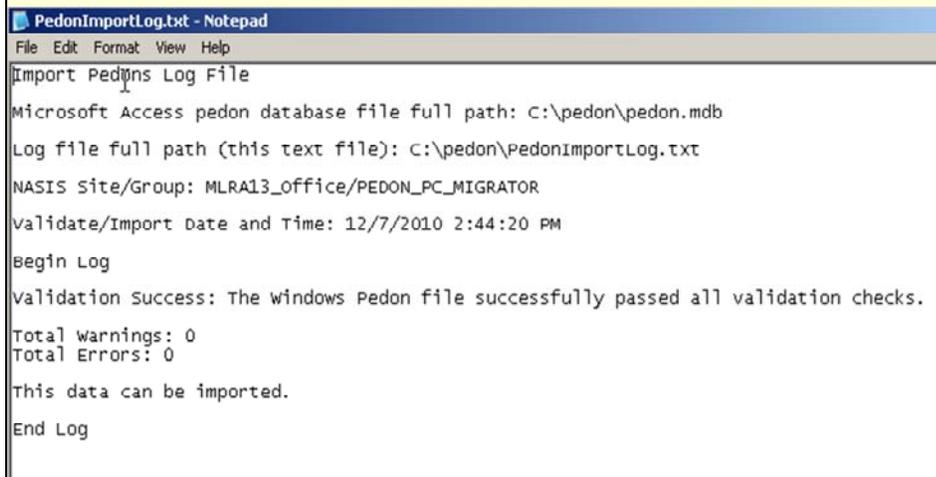
Example Name from the backup:
Pedon_02092007_0430.mdb
OR pedon.mdb if no backup was made

Step 5. You may choose to validate only, or validate and import. Then press start.



Step 6. You will receive a message that the import was successful, or warnings and errors that need to be addressed.

This is a successful validation log file.



```
PedonImportLog.txt - Notepad
File Edit Format View Help
Import Pedons Log File
Microsoft Access pedon database file full path: C:\pedon\pedon.mdb
Log file full path (this text file): C:\pedon\PedonImportLog.txt
NASIS Site/Group: MLRA13_Office/PEDON_PC_MIGRATOR
Validate/Import Date and Time: 12/7/2010 2:44:20 PM
Begin Log
Validation Success: The windows Pedon file successfully passed all validation checks.
Total warnings: 0
Total Errors: 0
This data can be imported.
End Log
```

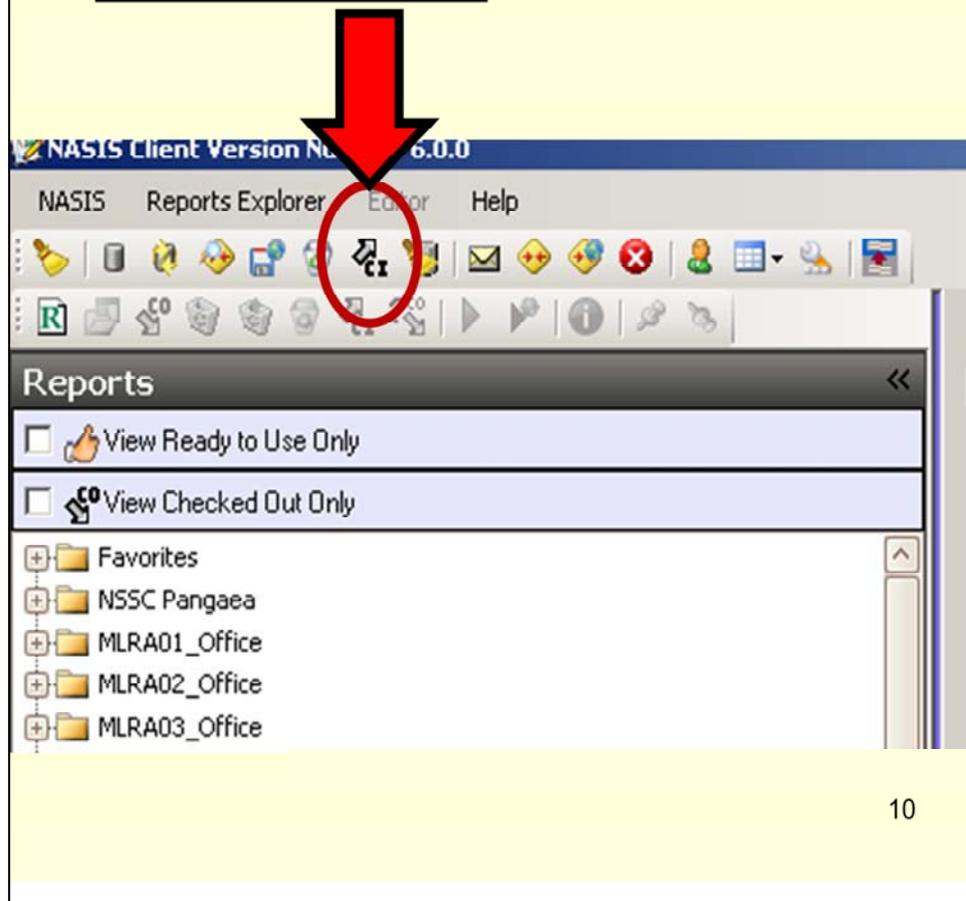
If the user validates the data, no data has been imported into the local database yet.

Once the user does import the data into the local database, The pedons still are not in the NASIS central database.

It is only when the data is checked in that it is safely in the central NASIS database.

Step 7. Check the pedons into the appropriate group.

Check In All



The SDQS may wish to continue using a temporary directory for pedons that are uploaded. It is important to reassign ownership of the pedons once QA has been performed. This effectively cleans out the temporary group space for the next batch of pedons. Keeping the temporary space clean makes it easier to review the next batch of pedons uploaded to NASIS.

Common issues

- If the error messages that you get are not very specific, you may need to reinitialize your NASIS database.
- <http://soils.usda.gov/technical/nasis/FAQ.html#re-initializing>
- If you are importing data from Pedon PC with NASIS 5.4 lookup codes, you may need to edit the plant list or change some area names before the data can be uploaded. Contact the Soils Hotline for support in these cases: Email 11
soilshotline@lin.usda.gov