

Quick tips for transferring Box data to SCINet data storage

Preliminaries

- **SCINet's systems cannot be used to store data with PII, CUI, or any other sensitive information.** SCINet storage is only for scientific data and related files.
- You will need a SCINet account. If needed, you may request one at <https://scinet.usda.gov/about/signup#ars-employees>.
- To save data on Juno (SCINet's long-term storage system), you will need a SCINet project. If you do not have access to a project, you may create a new project at <https://scinet.usda.gov/support/request#to-request-a-new-scinet-project>.

Moving files from Box to SCINet storage

1. Log onto Ceres Open OnDemand (<https://ceres-ondemand.scinet.usda.gov/>), go to "Files", navigate to /90daydata/box_temp, and create a folder for your Box data, if needed.
2. If the total size of the files you will copy from Box is *less* than one GB:
 - a. Log on to Box via your Web browser, select all files and directories in Box, and download them to your local laptop or desktop. This will download the files as a single ZIP archive. Do *not* unzip the archive.
 - b. Use either Ceres Open OnDemand (<https://ceres-ondemand.scinet.usda.gov/>) or Globus (<https://www.globus.org/>) to upload the archive file to the destination folder from step 1.
3. If the total size of the files you will copy from Box is *more* than one GB:
 - a. Configure rclone on Ceres to access your Box storage space. See <https://scinet.usda.gov/guides/data/rclone>.
 - b. Start a terminal session on Ceres either within Open OnDemand or in a shell such as used for step 3a above.
 - c. Use `cd` to make the folder from step 1 your working directory.
 - d. Use `rclone lsf usdabox:` (replace "usdabox" with your chosen remote name) to see available file and directories on Box.
 - e. Use `rclone copy usdabox: .` to copy all files from Box to SCINet storage. You can also do `rclone copy usdabox:file_path .` replacing "file_path" with a path in your Box account to copy specific files or folders.
4. After transfer is complete, you can use Globus to copy some or all files to your project space on Ceres or Atlas (/project/PROJECTNAME) or to Juno for long-term storage (LTS/project/PROJECTNAME).

If you have any questions or encounter issues, please email scinet_vrsc@usda.gov.