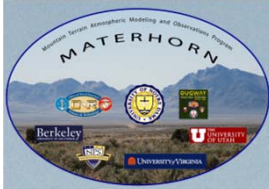


March 1st 2013

University of Utah Campus– Room 2051 MCE



MATERHORN-X-II: Preparatory Meeting



AGENDA

9:30 - 10:00 – ND Team

Data collection status and further actions

10:00 – 10:30

Short overview from current status relevant to MATERHORN-X-II

- **Z. Pu** : Modelling requirements and “wishes”
- **S. Hoch** : Overview of collected data from UoU (status) and relevant matters

10:30 - 11:00 – J. Steenburgh

Expected weather patterns for MATERHORN-X-II

11:00 – 11:15 - *Break*

AGENDA

11:15 - 12:30

Round-table discussion on research focuses for MATERHORN-X-II during synoptically-driven conditions:

- Interaction of synoptic flows and mountains (lee waves, hydraulic jump & rotors, internal waves, etc.) – Stratified cases
- Flow separations, eddy shedding & relevant scales
- Synoptic flow and diurnal mountain circulation (interaction between synoptic and thermal circulation)
- Gap flows
- Progressive waves
- Dividing streamline and Coriolis effects
- Effect of humidity (e.g. fog, radiative cooling, “dynamics” of post rain events, etc.)

12:30 – 13:30 - Lunch

AGENDA

13:30 - 15:00

Strategy for instrumentation deployment

15:00 – 15:15- *Break*

15:15 - 16:00

IOPs – (structure; special instruments and operation)

16:00 - 16:30

List of participants & interaction among groups – logistics and related matters

16:30 – 17:00

Immediate actions

(i.e. home work & wish list before MATERHORN-X-II)



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Engineering & Science Computing

Connecting to Materhorn Storage Server

In order to connect from outside of the Notre Dame network, you must first connect to the Notre Dame VPN using the instructions below.

Install the Cisco AnyConnect VPN Client:

The Windows installer is available from:

<https://notredame.box.com/s/1emfw3292x5ofk1953z1>

The Macintosh Installer is available from:

<https://notredame.box.com/s/1emfw3292x5ofk1953z1>



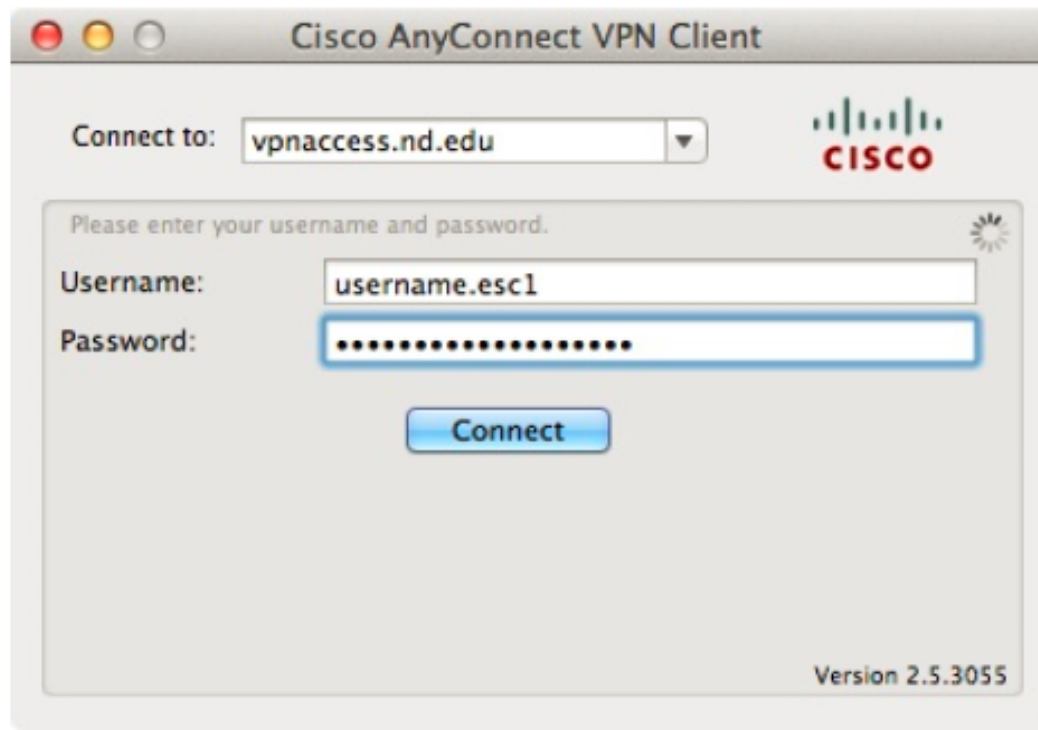
Connecting with the VPN Client:

1) After you have installed the VPN Client, open the application. Windows users will find it under Start > All Programs > Cisco > Cisco AnyConnect VPN Client. Mac users will find it under Applications > Cisco.

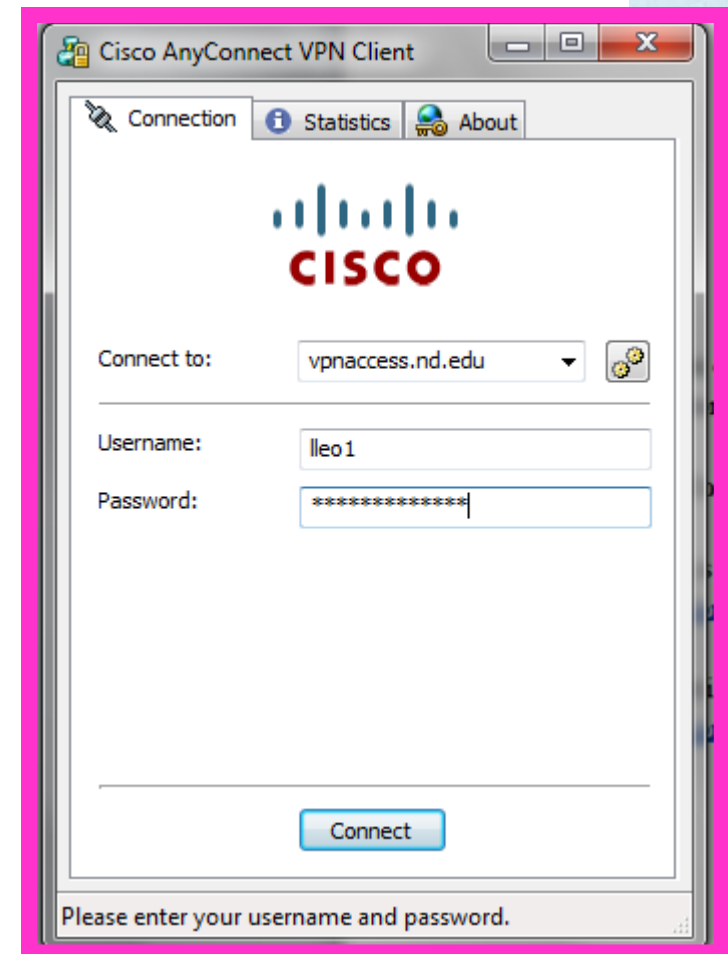
2) When you launch it, there will be a **Connect to:** field. Into it, type: **vpnaccess.nd.edu**

3) Click Select.

4) Enter your username followed by **.esc1**

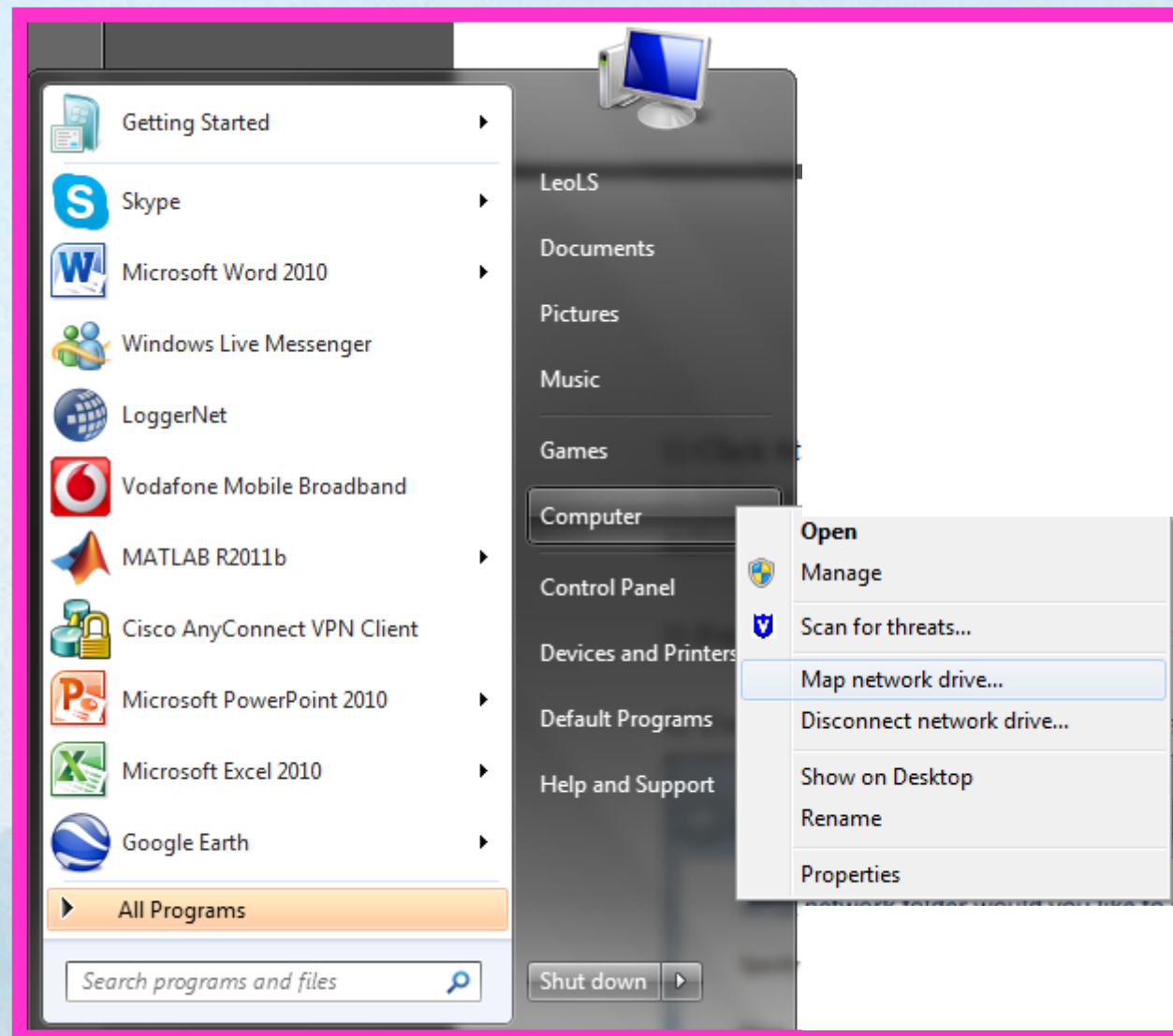


5) Click **Connect**.



Map to the Storage Server on Windows 7

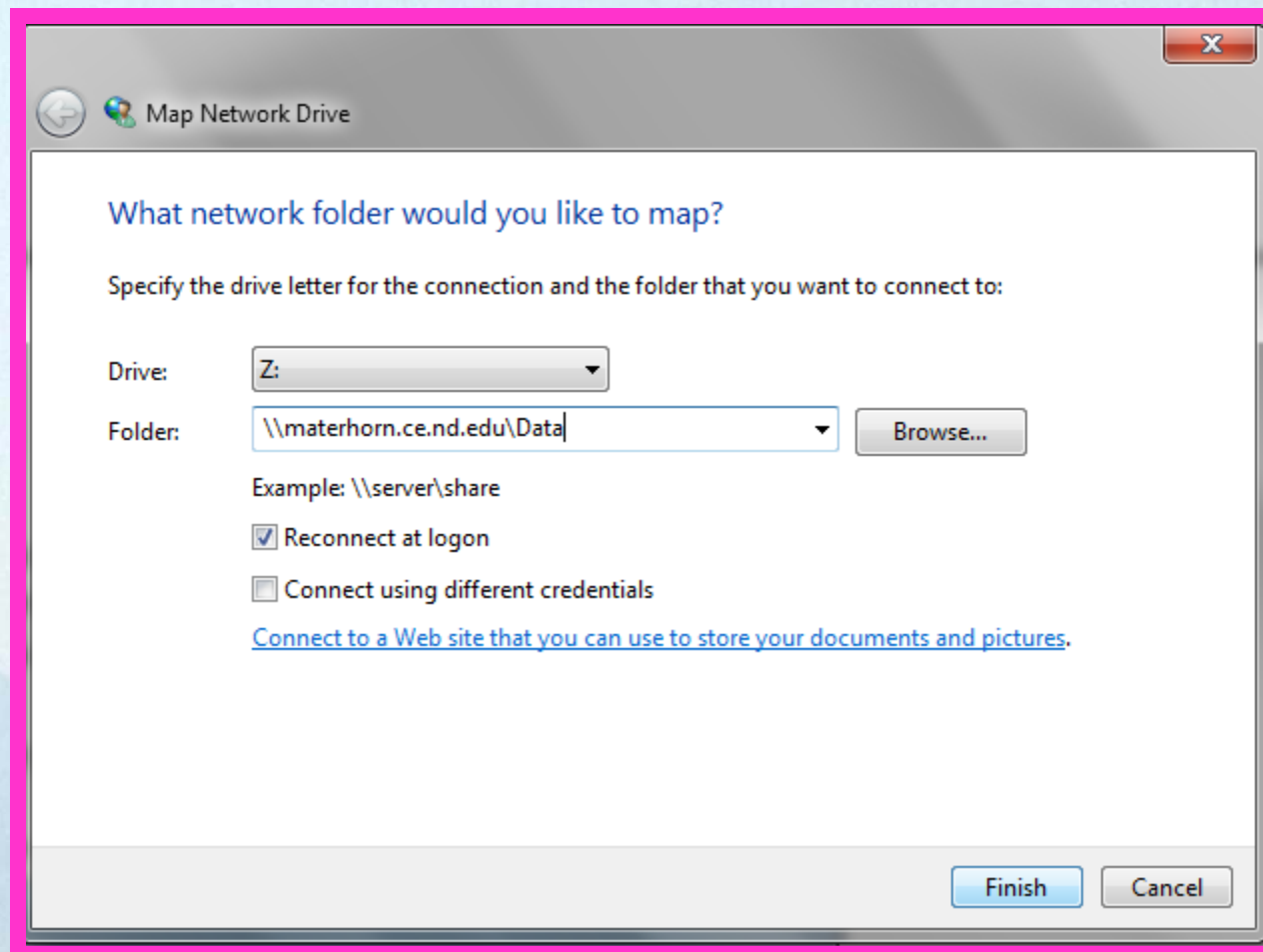
1) Click Start, right-click on **Computer** and select **Map Network Drive**.



2) Select a drive letter. The system will default to the highest available letter, but you can choose a different one. In this example, we have chosen **M**.

3) For the folder, type: **\\materhorn.ce.nd.edu\Data**

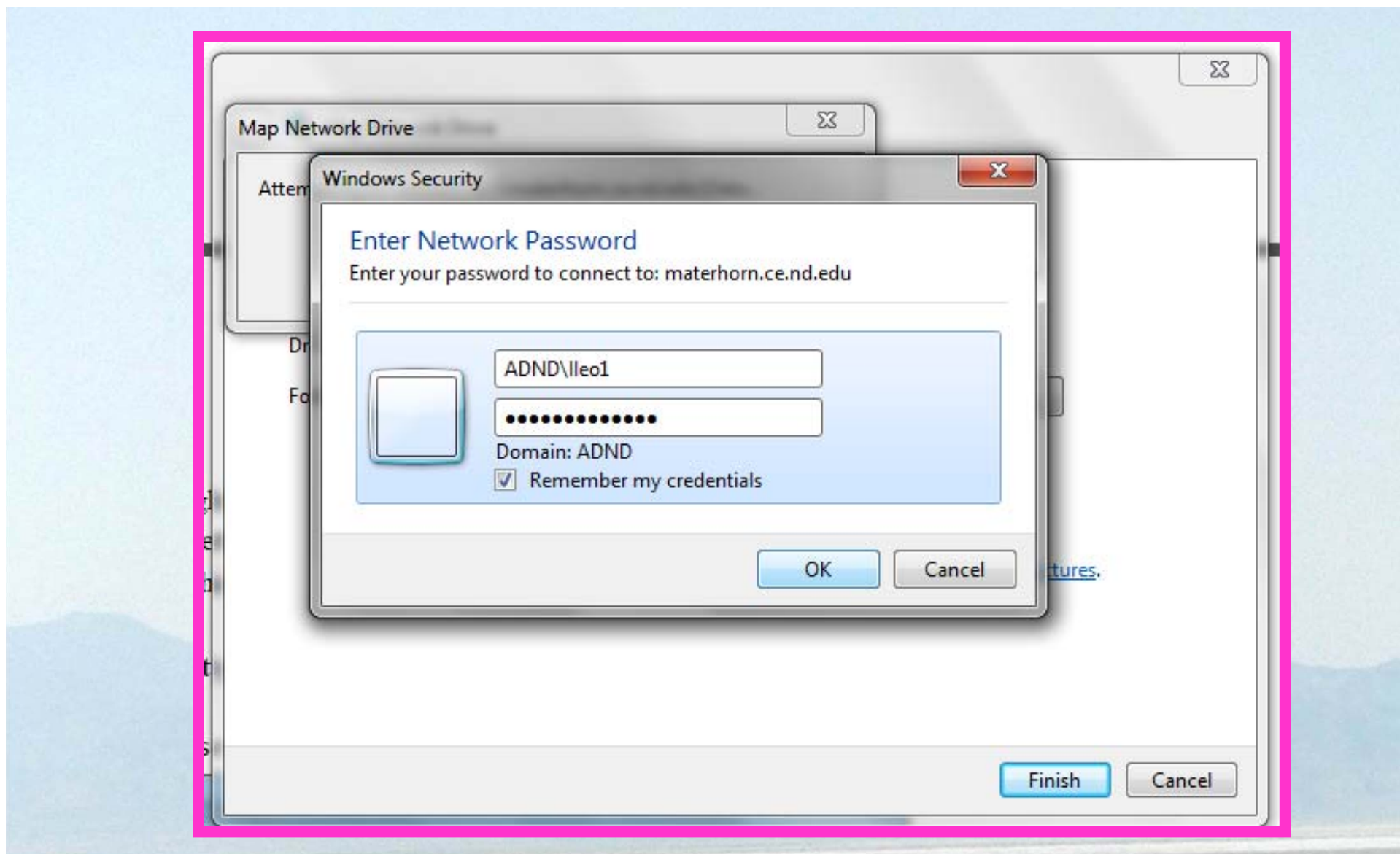
4) You may choose whether or not to have the drive automatically re-connect at login.



5) Click Finish

6) If you are prompted for a username and password, type in your username followed by **@nd.edu** (e.g. **username@nd.edu**) and your password.

7) The drive should open and its contents be visible.

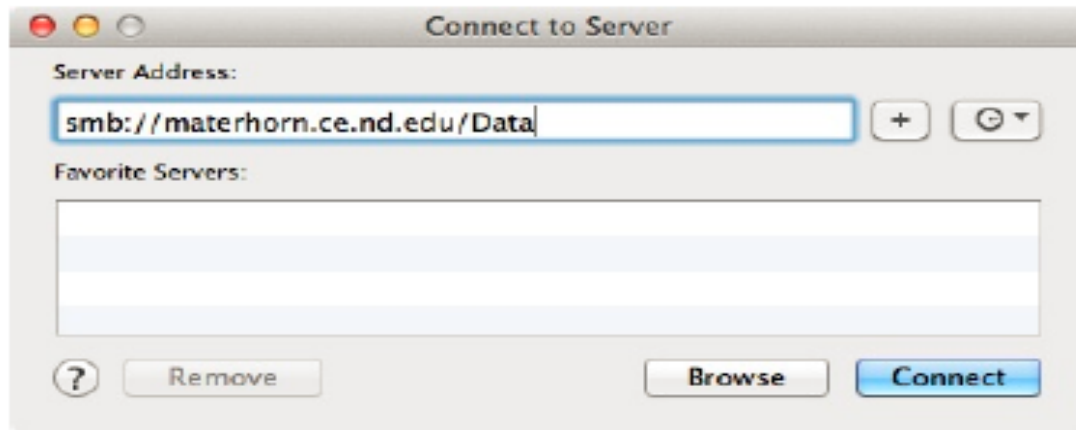


Mac OS users

1) With Finder selected, go to the Go menu and select **Connect to Server**

2) In the **Server Address** field, type:

smb://materhorn.ce.nd.edu/Data



3) When asked for username and password, type in your Notre Dame username and password.



4) Click **Connect**

5) The drive will connect and a Finder window should open displaying its contents.

Questions or Problems?

Contact Person for technical assistance:

Clay Berkley

Engineering & Science Computing

University of Notre Dame

574.631.0101

help@esc.nd.edu

Contact Person for DATA & SERVER MANAGEMENT

Silvana Di Sabatino

University of Notre Dame

574.222.0708

disabat@hotmail.com

DATA SERVER STRUCTURE

Data (\\materhorn.ce.nd.edu) (Z:) ▶

New folder

Name	Date modified
ChadHiggins	10/25/2012 12:16 ...
DataHawk	10/25/2012 12:16 ...
DPG	2/7/2013 8:25 AM
ND_data	2/11/2013 12:28 AM
UoU_data	2/11/2013 2:46 PM
UoV_Stephan	2/23/2013 6:42 PM
UPLOADS_ONLY	2/18/2013 11:03 AM

Data (\\materhorn.ce.nd.edu) (Z:) ▶ ND_data ▶

New folder

Name	Date modified
ARL_lidar	10/25/2012 6:34 PM
BALLOON	10/23/2012 4:54 PM
CEILOMETER	1/18/2013 6:42 PM
ES2 Combo	10/23/2012 3:49 PM
IRcamera	10/23/2012 4:12 PM
LiDAR	2/11/2013 2:47 PM
SMOKE	10/24/2012 1:23 PM
sodar_rass	1/18/2013 4:14 PM
TOM PRATT	10/24/2012 6:13 PM
TOWER	10/25/2012 9:06 PM
Tower_temporary	10/23/2012 5:05 PM

Data (\\materhorn.ce.nd.edu) (Z:) ▶ UPLOADS_ONLY ▶

New folder

Name	Date modified
FieldDATA	3/1/2013 2:34
Modelling	3/1/2013 2:35
Others	3/1/2013 2:35

Data (\\materhorn.ce.nd.edu) (Z:) ▶ UPLOADS_ONLY ▶ Modelling ▶

New folder

Name	Date modified	Typ
UBerkely	3/1/2013 2:34 AM	File
UND	3/1/2013 2:27 AM	File
UoU	3/1/2013 2:27 AM	File
UoV	3/1/2013 2:27 AM	File



Future of data distribution with ND as the hub

Post-processing

Data for modellers