

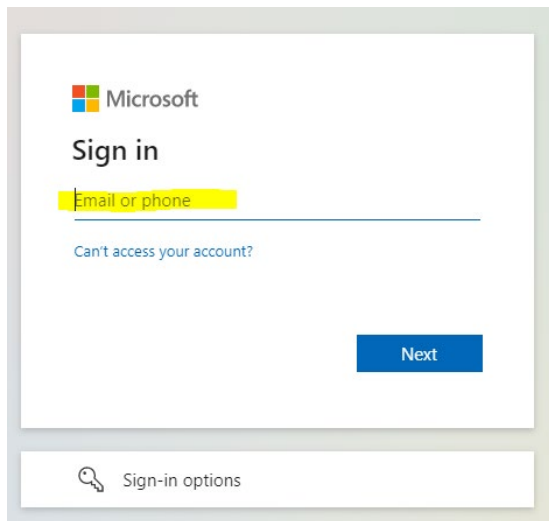
Guide to using MOVE (Monarch Virtual Environment)

A. Accessing GIS on MOVE

Log in to the Monarch Virtual Environment (MOVE) using your web browser and gain access to a virtual ODU computer with GIS software. All you need is a MIDAS account, an internet connection and an HTML5 browser.

Instructions

1. Go to <https://move.odu.edu/>
2. Sign in with your ODU email:

A screenshot of the Microsoft sign-in page. At the top left is the Microsoft logo. Below it, the text "Sign in" is displayed. Underneath is a text input field with the placeholder text "Email or phone". Below the input field is a link that says "Can't access your account?". At the bottom right of the main content area is a blue button labeled "Next". At the bottom of the page, there is a section titled "Sign-in options" with a key icon.

3. Enter your MIDAS Password:

← 001@odu.edu

Enter password


Password

[Forgot my password](#)

[Sign in](#)

Old Dominion University Office 365 is a Microsoft cloud service provided by ODU Information Technology Services. For assistance contact the ODU ITS Help Desk at <http://www.odu.edu/helpdesk> or ITSHelp@odu.edu.

4. It will now Prompt you for 2 Factor Authentication.


OLD DOMINION
UNIVERSITY
IDEA FUSION

[What is this?](#) [Add a new device](#)
[My Settings & Devices](#)
[Need help?](#)

Device:

Choose an authentication method

Duo Push Used automatically [Send Me a Push](#)

Passcode [Enter a Passcode](#)

Remember me for 7 days

5. After completing 2 Factor Authentication. Click Yes or No depending on your preference:



001@odu.edu

Stay signed in?

Do this to reduce the number of times you are asked to sign in.

Don't show this again

No

Yes

Old Dominion University Office 365 is a Microsoft cloud service provided by ODU Information Technology Services. For assistance contact the ODU ITS Help Desk at <http://www.odu.edu/helpdesk> or ITSHelp@odu.edu.

6. A Window will open displaying the pools you have access to

▼ ODU Engineering CAD Labs WorkSpace



▼ ODU Engineering Labs WorkSpace



▼ ODU Faculty and Staff WorkSpace

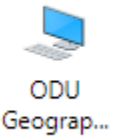


▼ ODU General Labs WorkSpace

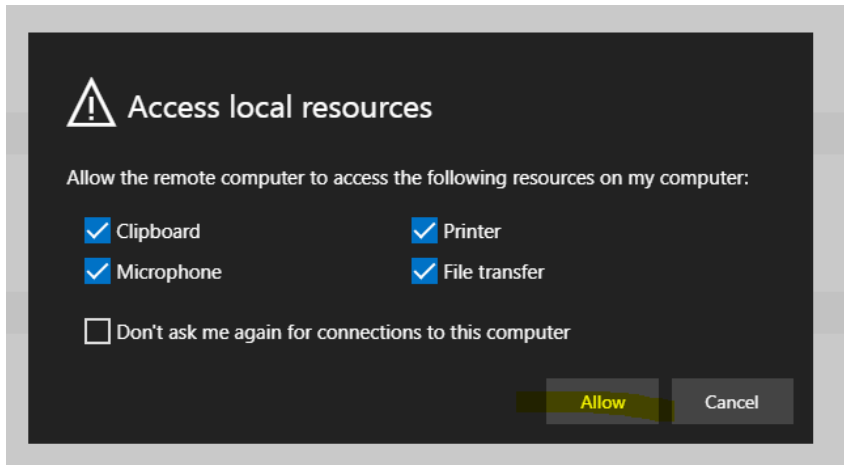


7. Locate the Geographic Information Systems and click on the computer icon.

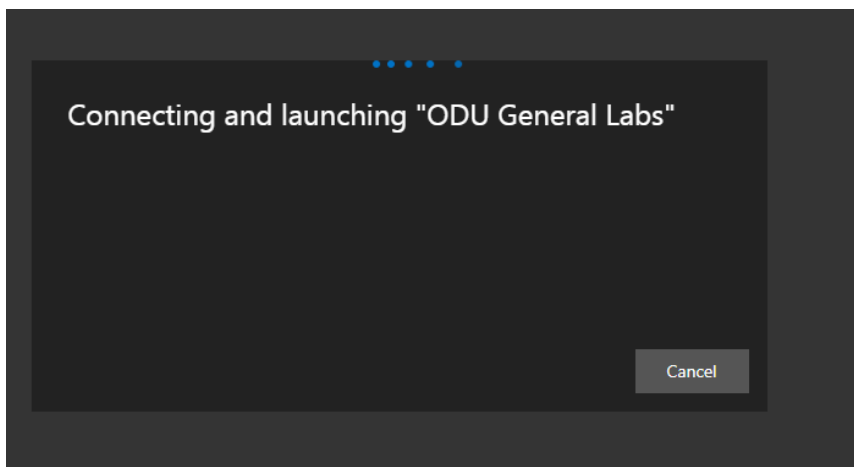
▼ ODU Geographic Information Systems WorkSpace



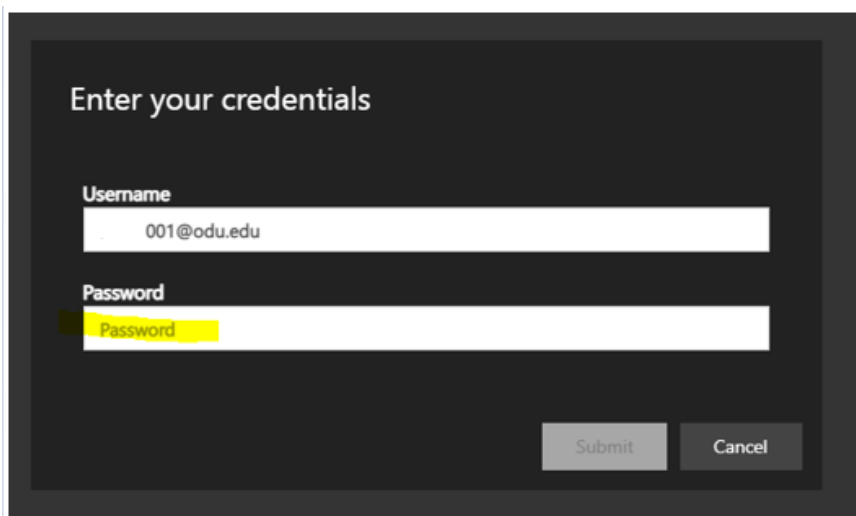
8. Access local resources window will appear. Click "Allow". Note that for certain functions, the Remote Access client works better.



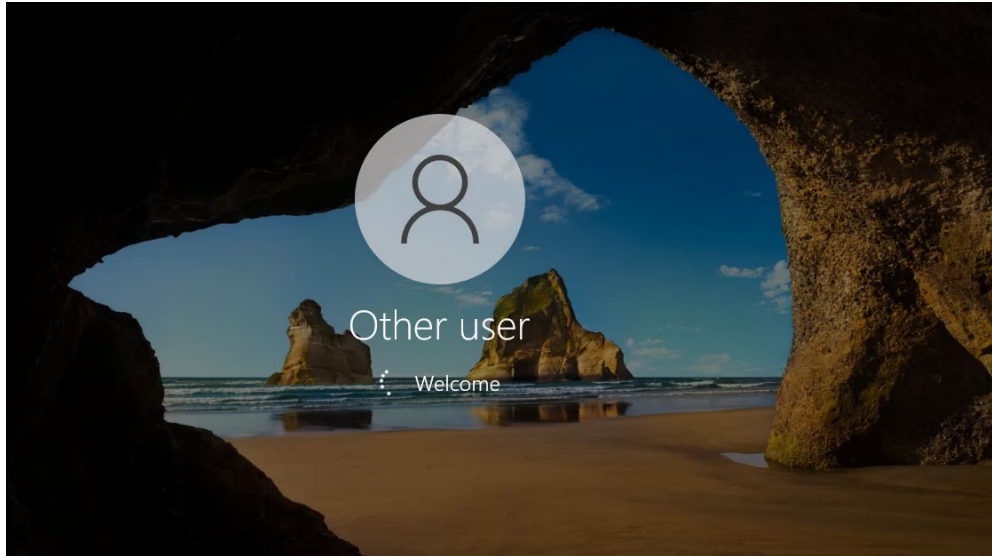
9. It will begin to launch the Pool you chose:



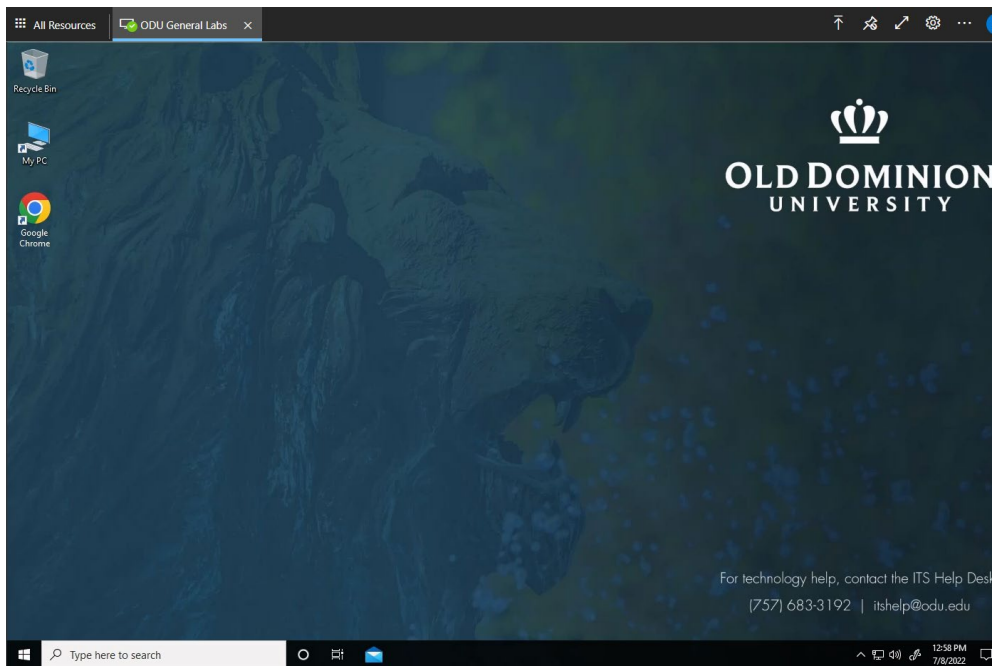
10. Enter your password for your ODU Email:



11. It will begin to log you in:



12. You are now logged in.



B. Some tips on using MOVE

- Although you can use any HTML5 browser, the GIS Department has tested MOVE most extensively using Chrome. If you encounter any issues, try using another browser in case the issue is browser specific.

- Close all other apps in the device to ensure optimized performance of MOVE.
- MOVE is designed for use on a large screen rather than a smartphone or tablet.
- Generally, wired internet connection performs better than Wi-Fi.
- The use of a private Wi-Fi network with low traffic is encouraged. MOVE might not work great in networks with a lot of users and devices taking up most of the internet bandwidth.
- Run internet speed test tools (example: speedtest.net) to ensure your device has the necessary bandwidth.
- Some Wi-Fi and cable routers might perform better when rebooted regularly. Contact your device manufacturer and internet service provider to make sure.
- Use of Wi-Fi 802.11ac standard (or above) with the 5Ghz channel is recommended.
- Regularly perform windows update, network card and router driver and firmware updates.
- Update antivirus programs and scan device regularly.
- Remove unused extension and tabs in your browser, clear cache, and cookies for performance optimization of MOVE.
- MOVE has a Remote Access client available. You can get a more crisp and high performance experience. Also certain functions such as File Transfer are available using the client.
- It is not recommended to use the Remote Access client when connected to a third party VPN. Please close the VPN connection before using the Remote Access client.
- Frequently save your work to avoid loss of progress.
- Opening too many apps might slow down MOVE's performance.
- Load data from and save data to drives (H: or W:) assigned by your enterprise account.
- Avoid saving work in your local user profile (example: My Documents) as storage space there is limited. Any data saved on C: drive will be automatically removed after each session.
- It is recommended to use OneDrive for archiving data. Note that ArcGIS does not work well with OneDrive so be sure to copy your data to a working directory before attempting to use it in ArcGIS.
- Connection issues can be handled by following device optimization guidelines mentioned above.
- There is an idle timeout of 45 minutes, after which you will be prompted to confirm you wish to stay connected. If you do not respond, your session will be suspended, but you can log in again to the same session prior to the session timeout.
- There is a session timeout of 8 hours, after which your session will be terminated. Please be sure to save all work regularly if you are using the virtual desktop for an extended period. You may open new session if required and continue your work with your saved data.
- If you encounter any issues that you are unable to resolve with basic troubleshooting steps, please contact itshelp@odu.edu and we will be pleased to assist.