

Preston Hudlow

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GEOG 462

Assignment 6

Question 1: What information can you observe on the Scene based on the tree classification result?

The Scene displays trees as distinct point clusters within the dataset and the trees are classified into specific groups, separated from the background or non-tree elements like buildings or roads. Also, tree density, height, and spatial distribution across the ODU campus can be analyzed.

Question 2: Please propose an application to use this 3D view based on deep learning of tree classification.

You could use it for Environmental Analysis by monitoring carbon sequestration or heat island mitigation through detailed tree mapping.

Question 3: What challenges have you experienced in completing the assignment?

Some challenges were to learn how to navigate and use specific ArcGIS Pro tools and ensuring the proper coordinate system and parameters were applied during processing.



