
Predicting forest carbon stocks in the Eastern U.S.

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Abstract

1 PLACEHOLDER

2 1 Introduction

3 1.1 Related work

4 Image classification is a common problem solved using convolutional neural networks. [[DESCRIP-
5 TIONS OF IMAGENET, ALEXNET, VGGNET, GOOGLNET, AND RESNET]] [5, 6, 4].

6 [[PAPER]] Expanded the possibilities of using pretrained models in the described frameworks for use
7 in more targeted settings. [[SUMMARY OF APPROACH]]. [[SUMMARY OF FINDINGS]].

8 In Feng et al.'s work on long-tailed object detection, they explore training classification models on
9 highly-similar objects, a similar challenge to that conducted in this paper [2]. [[SUMMARY OF
10 APPROACH]]. [[SUMMARY OF FINDINGS]]

11 Carpentier et al. use a self-collected dataset to a very similar problem: tree detection through bark
12 [1]. [[SUMMARY OF APPROACH]]. [[SUMMARY OF FINDINGS]].

13 Fricker et al. also attempts to classify trees, however from an aerial perspective instead of the profile
14 perspective taken in this paper [3]. [[SUMMARY OF APPROACH]]. [[SUMMARY OF FINDINGS]]

15 2 Dataset

16 3 Technical approach

17 4 Preliminary results

18 Broader Impact

19 References

20 References

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