



Opportunity mapping of terrestrial carbon sequestration across UK landscapes

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In order to design and implement effective land use policies to promote terrestrial carbon sequestration and storage, it is important to identify the opportunities available across landscapes that can be harnessed. Using a combination of model predictions and national databases we have mapped the terrestrial carbon sequestration opportunity for the UK. This opportunity is defined as the difference between the present day carbon stock (soil and vegetation) and the potential stock as predicted by the equilibrium response of three Dynamic Vegetation models (DVM) driven with UK climatology. We present here, the methodology and preliminary results of the opportunities identified across the landscape of England and Wales.