

## ***Interactive comment on “Phenology as a strategy for carbon optimality: a global model” by S. Caldararu et al.***

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We agree with the reviewer that the main limitation to using remote sensing data for phenological studies is the capacity to only capture the mean behaviour of a system. Our model does only aim to predict such landscape scale phenology and the discrepancy between ground based measurements and our predictions is discussed in section 4.2. We also discuss the concept of landscape phenology in the same section as well as in the introduction and argue for its suitability for use in earth system models.

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