

- - content to meteorological inputs (M);
- earth observation products mean there is more data than ever.

(i) Causal convolutions to capture short timescale dynamics; (ii) Attention layers for longer timescale contextual patterns.

with satellite products: (MODIS, Copernicus);



WHY: Understanding the dynamics of moisture and carbon in our soil is crucial to climate change mitigation and adaptation

Data-driven approaches to linking soil moisture and soil carbon Doran Khamis, Matt Fry, Hollie Cooper, Ross Morrison and Eleanor Blyth

BECAUSE: Our soil is our biggest carbon sink, our best flood defence and a crop-saving drought buffer

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