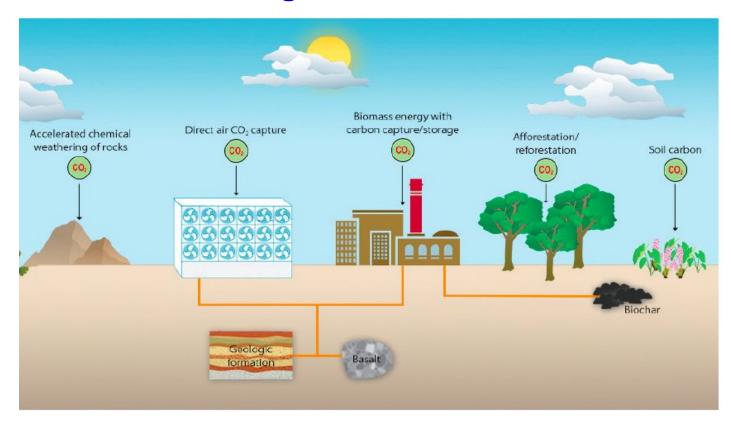
Scott Doney

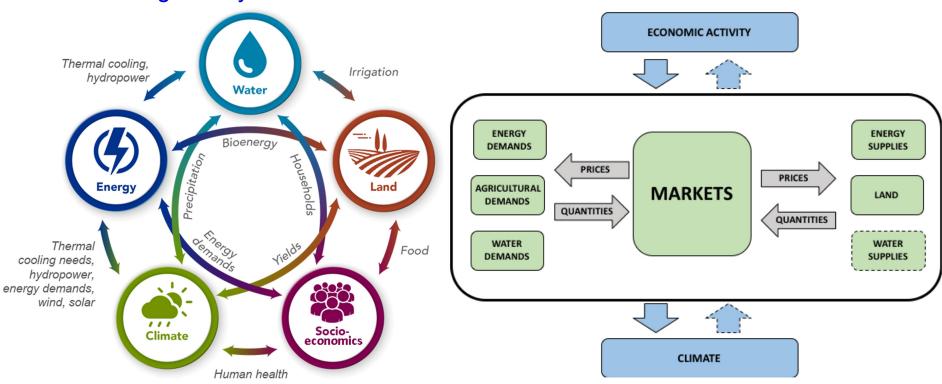
University of Virginia

UVA: A. Clarens, W. Shobe & P. Javadi PNNL: J. Fuhrman & P. O'Rourke

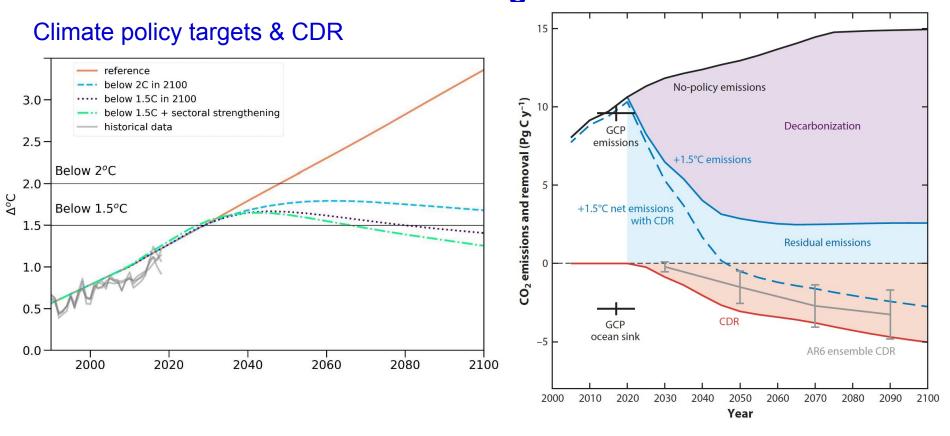
KAIST: H. McJeon



Global Change Analysis Model – GCAM

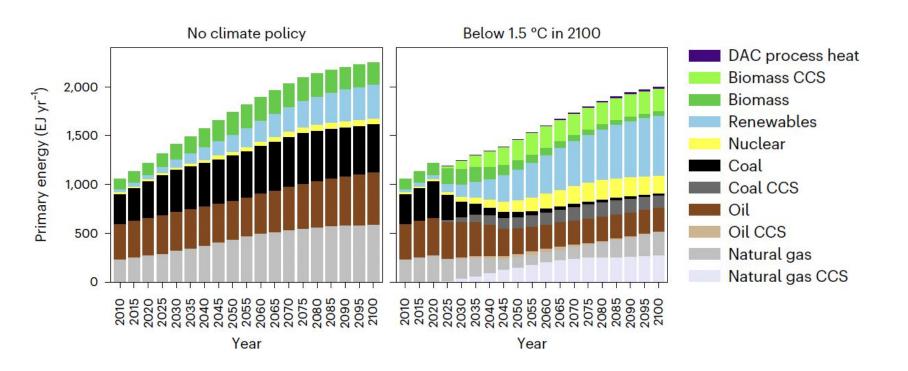


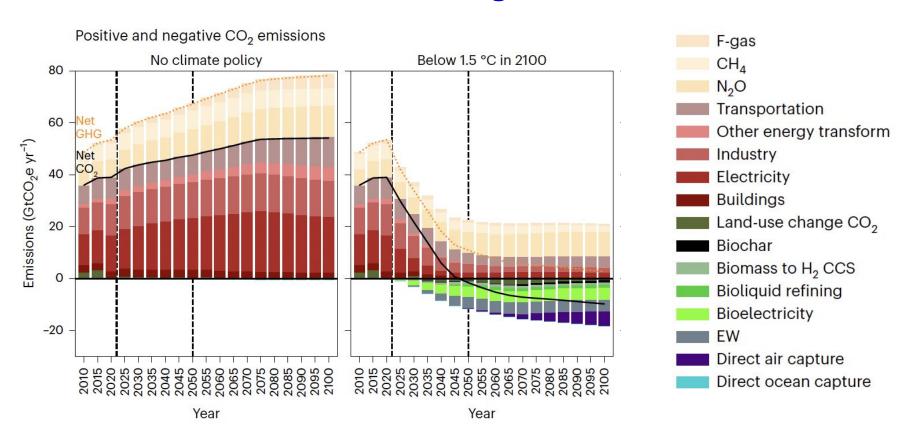
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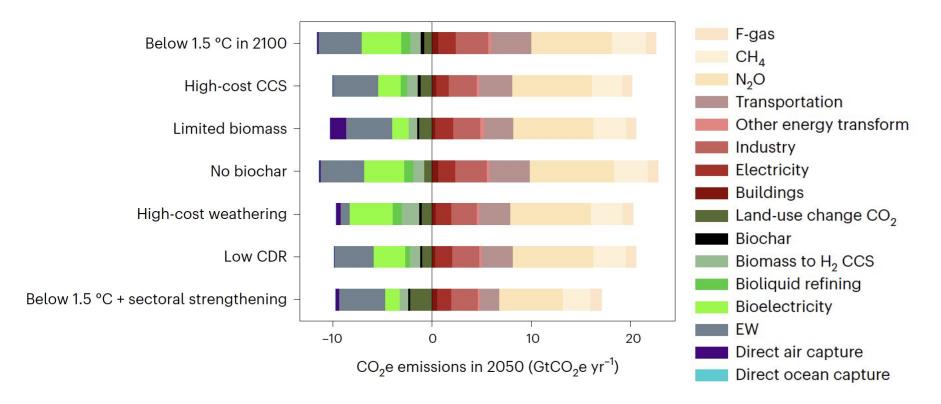


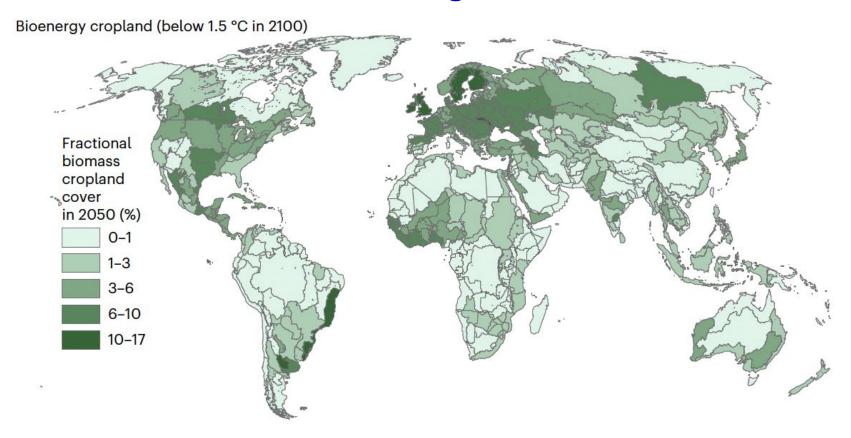
Fuhrman et al. Nature Climate Change 2023 https://doi.org/10.1038/s41558-023-01604-9

Doney et al. Annual Review Marine Science, 2025 https://doi.org/10.1146/annurev-marine-040523-014702



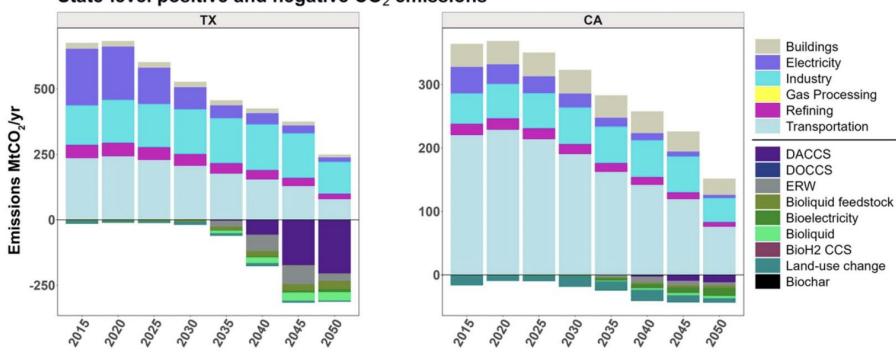






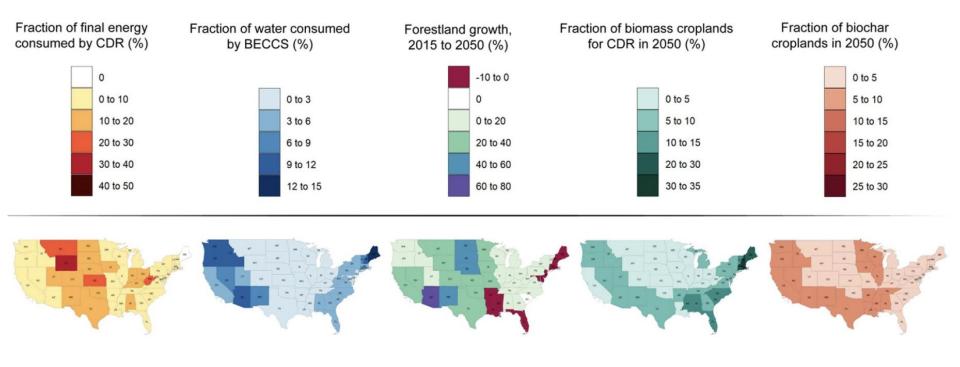
GCAM USA

State-level positive and negative CO₂ emissions



Javadi et al. Environmental Research Energy 2024 https://doi.org/10.1088/2753-3751/ad81fb

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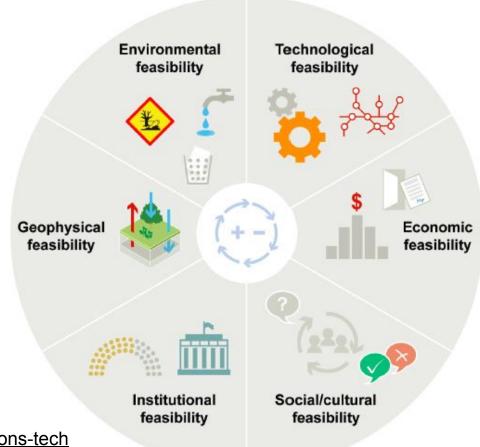
UVA: A. Clarens, W.

Shobe & P. Javadi

PNNL: J. Fuhrman

& P. O'Rourke

KAIST: H. McJeon



https://www.nap.edu/catalog/25259/negative-emissions-tech nologies-and-reliable-sequestration-a-research-agenda