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Unlocking the value of risk reduction for climate-friendly agricultural transitions

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Exhibitor



Land Core

www.landcore.org

Team

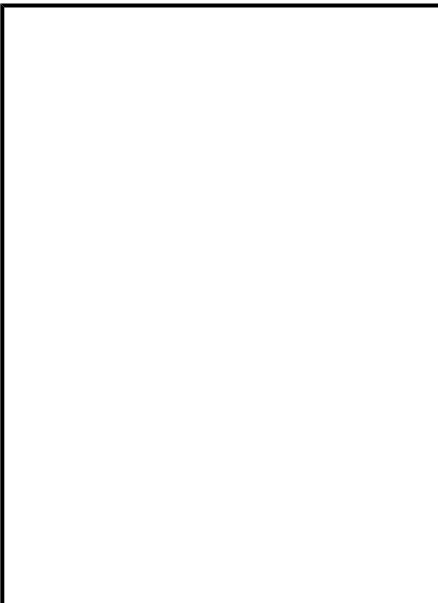
Harley Cross

Katie Fettes

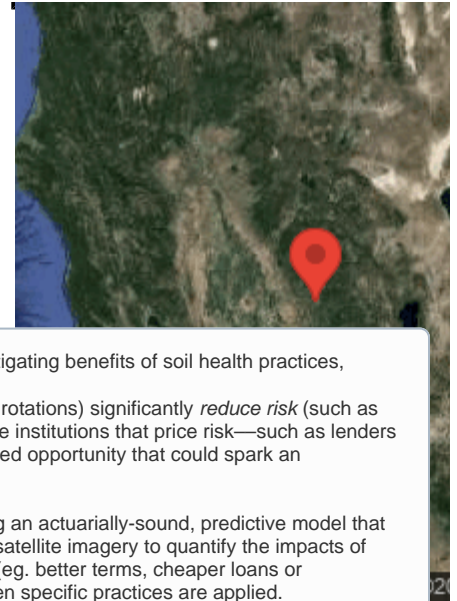
Aria McLauchlan

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Location



Summary



Land Core is proud to share our project to build an actuarially-sound, predictive model of the risk-mitigating benefits of soil health practices, designed as a tool to inform lenders and insurers.

While it's generally understood that soil health practices (like cover cropping, reduced tillage or crop rotations) significantly *reduce risk* (such as the impacts of flood and drought), making farmers more resilient to increasingly extreme weather, the institutions that price risk—such as lenders and insurers, do not currently incorporate soil health into their pricing. This results in a massive missed opportunity that could spark an unprecedented transition to climate-friendly agriculture via new incentives.

Over the last two years, we have convened a world-class, cross-sector working group that is building an actuarially-sound, predictive model that quantifies the risk-mitigation benefits associated with specific soil health practices. The model uses satellite imagery to quantify the impacts of soil health practices on crop yields, enabling lenders, insurers and investors to offer new incentives (eg. better terms, cheaper loans or discounted policies) for farmers, accurately reflecting the mutual economic benefits to all parties when specific practices are applied.

We believe this tool will pave the way to fund a large-scale transition to a regenerative, soil health-centered, carbon sequestering, ecosystem-restoring agriculture.

Presentation

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Images

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Couldn't find any images to display. Attach some images to this page or search for images by label or page.

Depending on the size of your Confluence instance, you may also want to refresh the page, as it may take some time until the images appear.

Videos

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Meet the team

During the indicated periods, one of the team members is available for a video chat.

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Stand No	Time zone	+/-UTC	Date	Start local time (hh:mm)	Duration (hh:mm)	Attendant	Video chat link
0142							https://meet.jit.si/4p1000_stand_0142
0142							https://meet.jit.si/4p1000_stand_0142
0142							https://meet.jit.si/4p1000_stand_0142

Contact

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Events & Calls



Title

No content found.

Resources

Title	Authors	Source	Media	Format	Target audience	Link
00028 - Risk Model Program Page		Land Core	Website	Webpage	Practitioners, Policymakers, Public	https://landcore.org/programs#risk-modeling-section

Profile

Organization

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