

**Name:**

Larry Geno

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**Which of the following best describes your situation?**

Research and academia

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**Are you responding on behalf of an organisation or industry body?**

No

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**How would you like to respond?**

a. Answer discussion paper questions via the online survey

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**What are the opportunities to reduce emissions and build carbon stores in agriculture and the land? What are the main barriers to action?**

Carbon sequestration by organic farming practices that are paid for from carbon offset programs, carbon taxes and higher prices are constrained by industry organisations, government, and policy disincentives.

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**How can we progress emission reduction efforts whilst also building resilience and adapting to climate change?**

Polyculture farming for higher diversity, income , and climate resilience where possible, dominated by tree crops. to overcome monoculture fragility,.

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**Are there initiatives or innovative programs underway that could be applied or expanded on at a national scale?**

Not yet, far more obstructions, largely institutional.

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**How can the Australian Government bring together existing effort and new initiatives into one coordinated plan?**

DIVERSE plans, locally adapted are far more useful.

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**What are the most important options to be further adopted or supported, looking in the short and the longer-term?**

Large scale community based biochar production, abandonment of NO<sub>2</sub> generating fertilisers, green manure cover cropping, pasture complexification.

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**What are the practical solutions to increase uptake?**

Pay for it!

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**How do you see the agriculture and land sectors contributing over the medium and longer-term? What are the opportunities to deliver emission reductions in parallel with wider goals?**

LONG TERM sequestration from biochar, tree cropping, perennial diverse pastures, polyculture farming systems.

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**How can the Australian Government better support agriculture and land sectors to:**

**a) drive innovation**

**b) build capacity**

**c) ensure the system enables emissions reductions**

FUNDING, FUNDING, FUNDING and policy realignments

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**What new initiatives could the Australian Government design that would support emissions reduction and carbon storage in agriculture and land and help ensure a productive, profitable, resilient and sustainable future for the sectors?**

Research, develop, and deploy polyculture farming system models.

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**A consistent and trusted approach for assessing and reporting emissions is often raised as a barrier to reducing emissions. Is there a role for the Australian Government in addressing this concern, and how can producers and land managers be supported?**

on farm simple monitoring tools.

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**What skills, knowledge and capabilities do you think producers and land managers need to implement change? What information and data would help them make decisions about emissions reductions and sustainable land management in the short and longer-term?**

Professional extension services resumed.

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**Do you have any additional views or feedback that you would like to include in your response?**

Less buzzwords -more practical help on-land

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**Is your response confidential?**

No

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**Do you agree to your response being published on our website?**

Yes

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**I have read and understood the privacy notice and consent to the collection, use and disclosure of my personal information as outlined in the privacy notice.**

Yes

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**Confirm that you have read and understand this declaration.**

Yes

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