

ECOPOLITICS PODCAST: Additional Pedagogical Resources (Episode 10)

[Episode 10: Dairy Cows, Climate Change, and Settler-Colonialism: Insights from Aotearoa/New Zealand.](#)

Overview: Aotearoa/New Zealand's dairy sector contributes 1/4 of that country's greenhouse gas emissions. Dr John Reid (University of Canterbury), and Dr. Hugh Campbell (University of Otago), show us how Māori sustainability values are having a growing influence on the sector's response to the challenge of net-zero carbon emissions by 2050.

Key Takeaways

- The political, cultural, and economic relations of contemporary agricultural development in New Zealand are intimately tied in with the nation's history as a colony of the United Kingdom. As part of colonization of Aotearoa / New Zealand, Māori people were often displaced from their land for the purpose of creating pastures for farms. But, history is not static: "If farms can colonize, can farmers decolonize?" (Dr. Hugh Campbell, 16:58-17:16).
- "There has been a significant change [in perceptions held by settlers in New Zealand], and the Māori are now seen as leaders and as innovators in the area and as having something to contribute" (Dr. John Reid, 00:00-00:27).
- Food systems and land management continue to be shaped by neo-colonial relations and contemporary unevenness in global capitalism.
- Food systems are being reshaped by Indigenous knowledge, such as the Māori land management discussed in this episode. This Indigenous knowledge may contribute to achieving more sustainable and inclusive land management and agriculture systems to support local communities, the planet, and non-human beings.

Discussion Questions

- How do you think colonial legacies and neo-colonial relations shape food systems in your political community today? What about globally?
- What are the "invisible worlds", as articulated by Dr. Campbell in this episode, that shape your own understanding of contemporary global ecopolitics? Has a university education helped make them visible to you?
- What role do "land rights" and regulations about access to land shape contemporary neo-colonial relations? What role could the rearticulation of land rights play in decolonizing Settler-Colonial states like Canada?

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Insights from Aotearoa/New Zealand.**

Learn more about our Guests

Dr. John Reid

- <https://www.canterbury.ac.nz/ntrc/contact-us/>

Select articles, books, and videos

- Rout, Matthew, **John Reid**, and Jason Mika. "Māori Agribusinesses: The Whakapapa Network for Success." *AlterNative: an International Journal of Indigenous Peoples*. 16, no. 3 (2020): 193–201.
- Rout, Matthew, and **John Reid**. "Embracing Indigenous Metaphors: a New/Old Way of Thinking About Sustainability." *Sustainability Science*. 15, no. 3 (2020): 945–954.
- **Reid, John**, and Matthew Rout. "The Implementation of Ecosystem-Based Management in New Zealand – A Māori Perspective." *Marine Policy* 117 (2020).

Dr. Hugh Campbell

- <https://www.otago.ac.nz/centre-sustainability/staff/otago038807.html>

Select articles, books, projects and videos

- **Campbell, H.** (2020), *Farming Inside Invisible Worlds: Modernist Agriculture and Its Consequences*. Bloomsbury Academic: London.
- **Campbell, H.**, Evans, D., & Murcott, A. (2017). "Measurability, Austerity and Edibility: Introducing Waste into Food Regime Theory." *Journal of Rural Studies*, 51, 168-177.
- **Campbell, H.** (2009). "Breaking New Ground in Food Regime Theory: Corporate Environmentalism, Ecological Feedbacks and the 'Food from Somewhere' Regime?" *Agriculture & Human Values*. 26(4), 309-319
- Learn more about the Agricultural Research Group on Sustainability <http://www.argos.org.nz/>

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Explore resources mentioned in this episode:

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<https://hewakaekenoa.nz/>
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<http://www.trc.ca/assets/pdf/Principles%20of%20Truth%20and%20Reconciliation.pdf>
- Tall, Ismaël and **Hugh Campbell**. “The ‘Dirty Dairying’ Campaign in New Zealand: Constructing Problems and Assembling Responses.” in *Agri-environmental Governance as an Assemblage*. Forney, Jérémie, Chris Rosin, and **Hugh Campbell** (eds). London: Routledge. 2018.
- Learn more about the Treaty of Waitangi
<https://nzhistory.govt.nz/politics/treaty-of-waitangi>
- Learn more about Te Tiriti o Waitangi
<https://archives.govt.nz/discover-our-stories/the-treaty-of-waitangi>
- New Zealand Farm Environment Trust national awards
<https://www.nzfeatrust.org.nz/national-awards>
- New Zealand Agricultural Greenhouse Gas Research Centre <http://www.nzagrc.org.nz/>
- Reisinger, Andy, Harry Clark, Ross Abercrombie, Mark Aspin, Peter Ettema, Mark Harris, Andrew Hoggard, Matthew Newman, Greg Sneath. 2018. “Future Options to Reduce Biological GHG Emissions on-Farm: Critical Assumptions and National-Scale impact’.
Report to the *Biological Emissions Reference Group*
<https://www.mpi.govt.nz/dmsdocument/32128/direct>
- Reisinger, A., et al (2017) “On-farm Options to Reduce Agricultural GHG Emissions in New Zealand. Report to the Biological Emissions Reference Group.” *Ministry for Primary Industries, Wellington*.
- Reisinger, Andy, and Harry Clark. “How Much Do Direct Livestock Emissions Actually Contribute to Global Warming?” *Global Change Biology*. 24, no. 4 (2018): 1749–1761.
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<https://www.waitangitribunal.govt.nz/about-waitangi-tribunal/past-present-future-of-waitangi-tribunal/> (accessed Dec 4, 2020).

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Learn more about Aotearoa/New Zealand Farming, Conflict, & Climate Policy:

- Bond, Jordan. "Emission from dairy farms at record high, says Stats NZ." *New Zealand Herald*. August 4 2021.
<https://www.nzherald.co.nz/nz/emissions-from-dairy-farms-at-record-high-says-stats-nz/DEYMFXTAFLHWO4MDHHSOKWSHCI/>
- Climate Change Commission. "Ināia tonu nei: a Low Emissions Future for Aotearoa." Report. PDF. May 31 2021.
<https://ccc-production-media.s3.ap-southeast-2.amazonaws.com/public/Inaia-tonu-nei-a-low-emissions-future-for-Aotearoa/Inaia-tonu-nei-a-low-emissions-future-for-Aotearoa.pdf>
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<https://ccc-production-media.s3.ap-southeast-2.amazonaws.com/public/Inaia-tonu-nei-a-low-emissions-future-for-Aotearoa/Recommendations-from-Inaia-tonu-nei-Advice-Report.pdf>
- DairyNZ "Climate Change." Web. n.d.
<https://www.dairynz.co.nz/environment/environment-policy-and-leadership/climate-change/>
- Groundswell New Zealand. "Position Statement." Web. 2021.
<https://groundswellnz.co.nz/wp-content/uploads/2021/07/GROUNDSWELL-position-statement.pdf>

Learn more about the history of Settler-Colonialism and Food Systems

- Andrée, Peter. "Hugh Campbell: Farming inside Invisible Worlds: Modernist Agriculture and its Consequences." *Agriculture and Human Values*. July 2021.
- Bagelman, Caroline. "Unsettling Food Security: The Role of Young People in Indigenous Food System Revitalisation." *Children & Society*. 32, no. 3 (2018): 219–232.
- Friedmann, Harriett and Philip McMichael. 1989. "Agriculture and the State System: The Rise and Decline of National Agriculture, 1870 to the Present." *Sociologia Ruralis* 29(2): 93-117
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