

TRUST, MISINFORMATION & SOCIAL IN(EX)CLUSION

SPEAKER'S SCIENCE FORUM

Hosted by Jamie Strange MP



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Manuhiri Invited guests

Professor Dame Juliet Gerrard FRSNZ

Prime Minister's Chief Science Advisor

Dr John McDermott

Chair, Independent Research Association of New Zealand

Peter Lennox

Chief Executive, ESR

Dr Brett Cowan

Chief Scientist, ESR

Professor Margaret Hyland FRSNZ

Vice Provost (Research), Te Herenga Waka—Victoria University of Wellington



Ngā Kaikōrero Presenters

Dr Michael Daubs

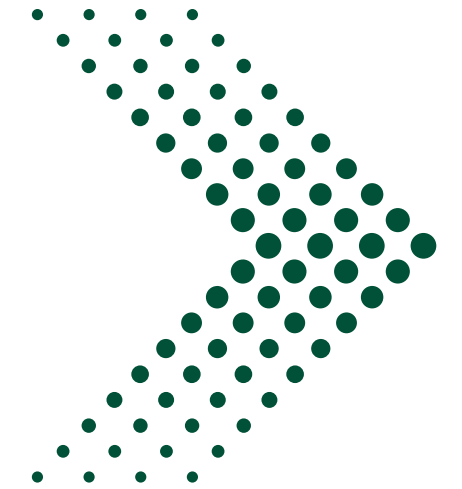
Te Herenga Waka—Victoria
University of Wellington

Kate Hannah

The Disinformation Project



Affect, Bias and Disinformation



2022 Speaker's Science Forum

Dr Michael S. Daubs

Pūkenga Matua
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Key issues

- 01 Dis- and misinformation create strong emotional or 'affective' responses.
- 02 Strong beliefs make it difficult to counter dis- and misinformation.
- 03 Dis- and misinformation are tied to long-standing discriminatory views and biases.

MISINFORMATION

— The inadvertent sharing of false information.

(Farkas and Schou 2018, 299;
Tandoc Jr et al. 2018, 140)

DISINFORMATION

— Intentional falsehoods spread as news stories.

(Bennett and Livingston 2018, 124)

Misinformation is generated for multiple reasons.

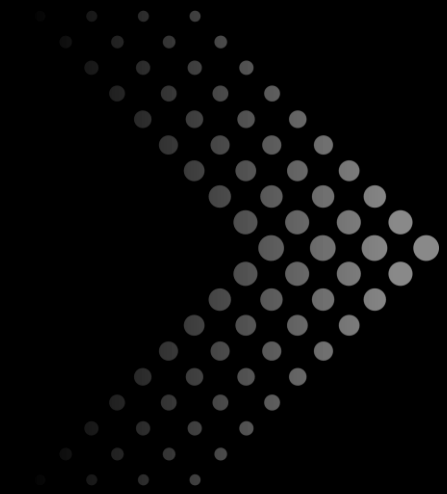
(cf. Silverman and Alexander 2016; Lukito et al. 2018. 3)

A majority of misinformation comes from a small number of sources.

(Center for Countering Digital Hate 2021, 6; Hannah et al. 2022, 9)



Engagement with
misinformation is
driven by **affective
responses.**



(Boler and Davis 2018, 81)

Pizzagate



5G conspiracies



Screencap from 5G.org.nz



Screencap from stuff.co.nz

COVID-19 misinformation



Newshub.

Podcasts > Listen to Newshub latest podcasts

HOME NEW ZEALAND WORLD POLITICS SPORT ENTERTAINMENT TRAVEL LIFE

CORONAVIRUS ●

Anti-vaccination group Voices for Freedom booted off Facebook for spreading COVID-19 misinformation

29/07/2021 Dan Satherley

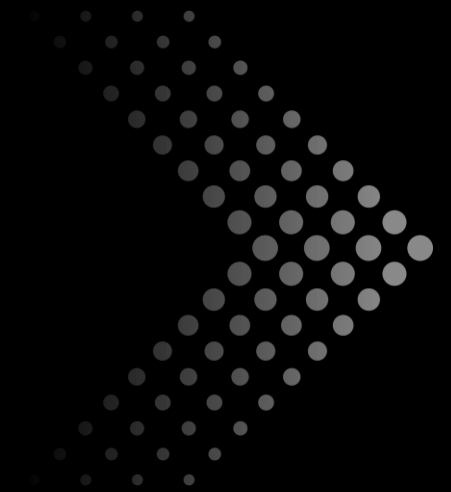
  

Screencap from newshub.co.nz

Persistence of mis- and disinformation

- 01 Financial benefits for platforms
- 02 Ease and speed of replication
- 03 Issues with automatic detection and reporting systems
- 04 Time consuming and expensive to disprove
- 05 Cognitive dissonance and motivated reasoning

“A man with a conviction is a hard man to change.



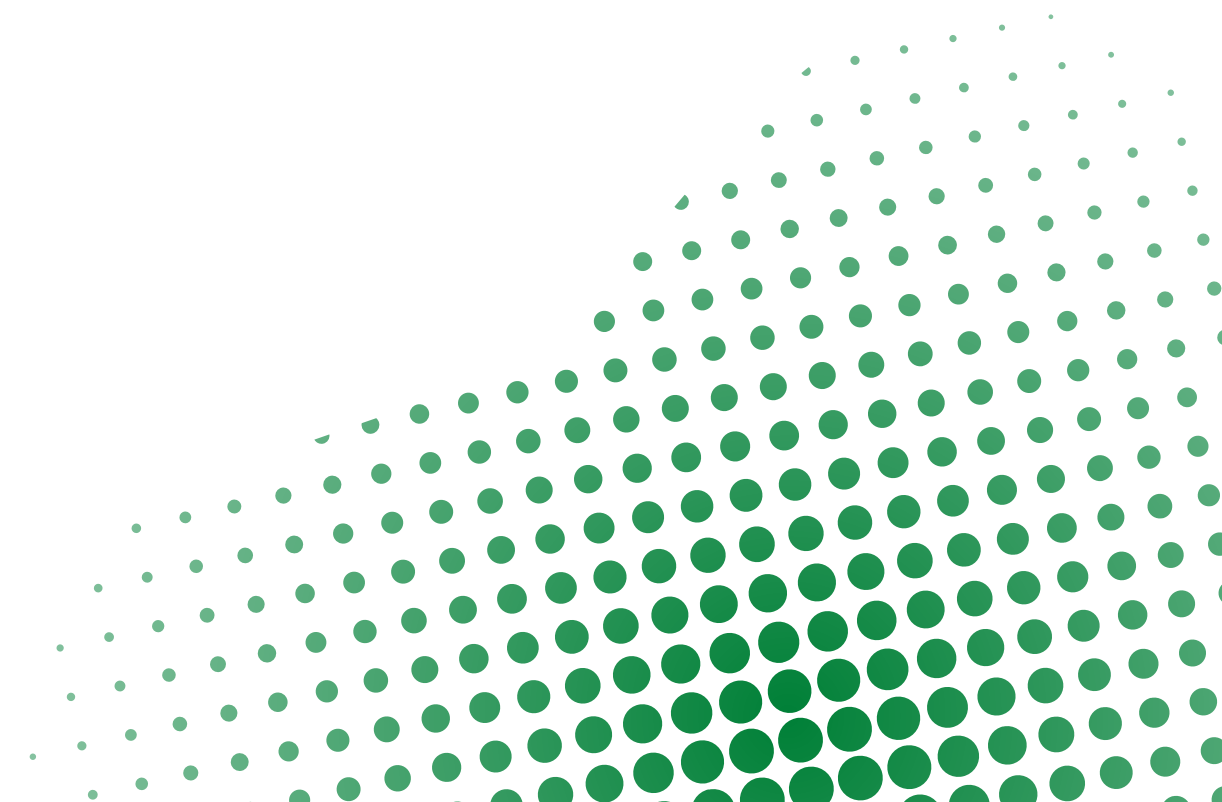
Suppose that he is presented with evidence, unequivocal and undeniable evidence, that his belief is wrong: what will happen? The individual will frequently emerge, not only unshaken, but even more convinced of the truth of his beliefs than ever before.

(Festinger et al. 1956, 3)

Misinformation is a symptom...

(see Ball 2017, 13)

fuelled by misogyny, racism, nationalism, hyper-partisanship, distrust in government, and anti-intellectualism.



‘Prebunking’



Image from tohatoha.org.nz



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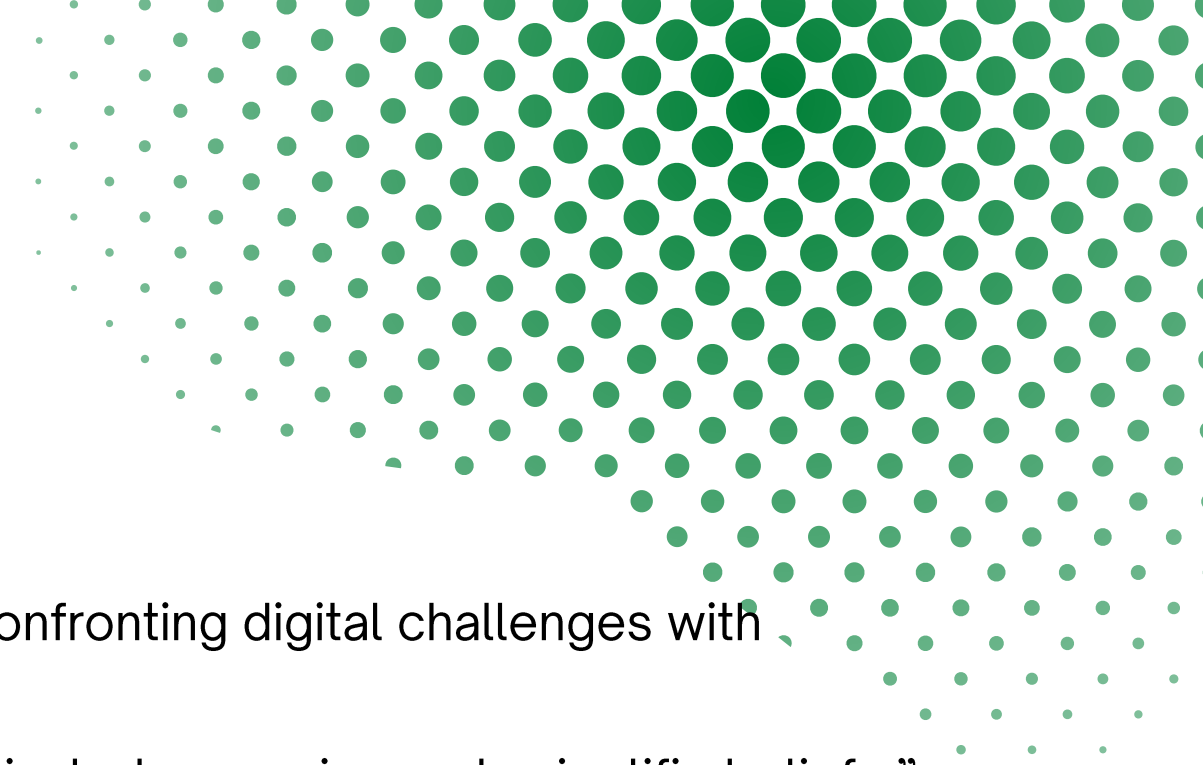
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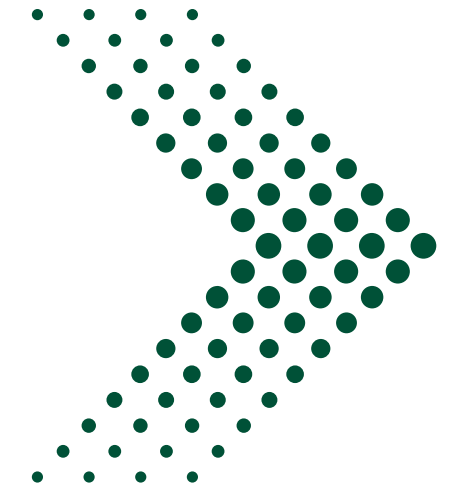


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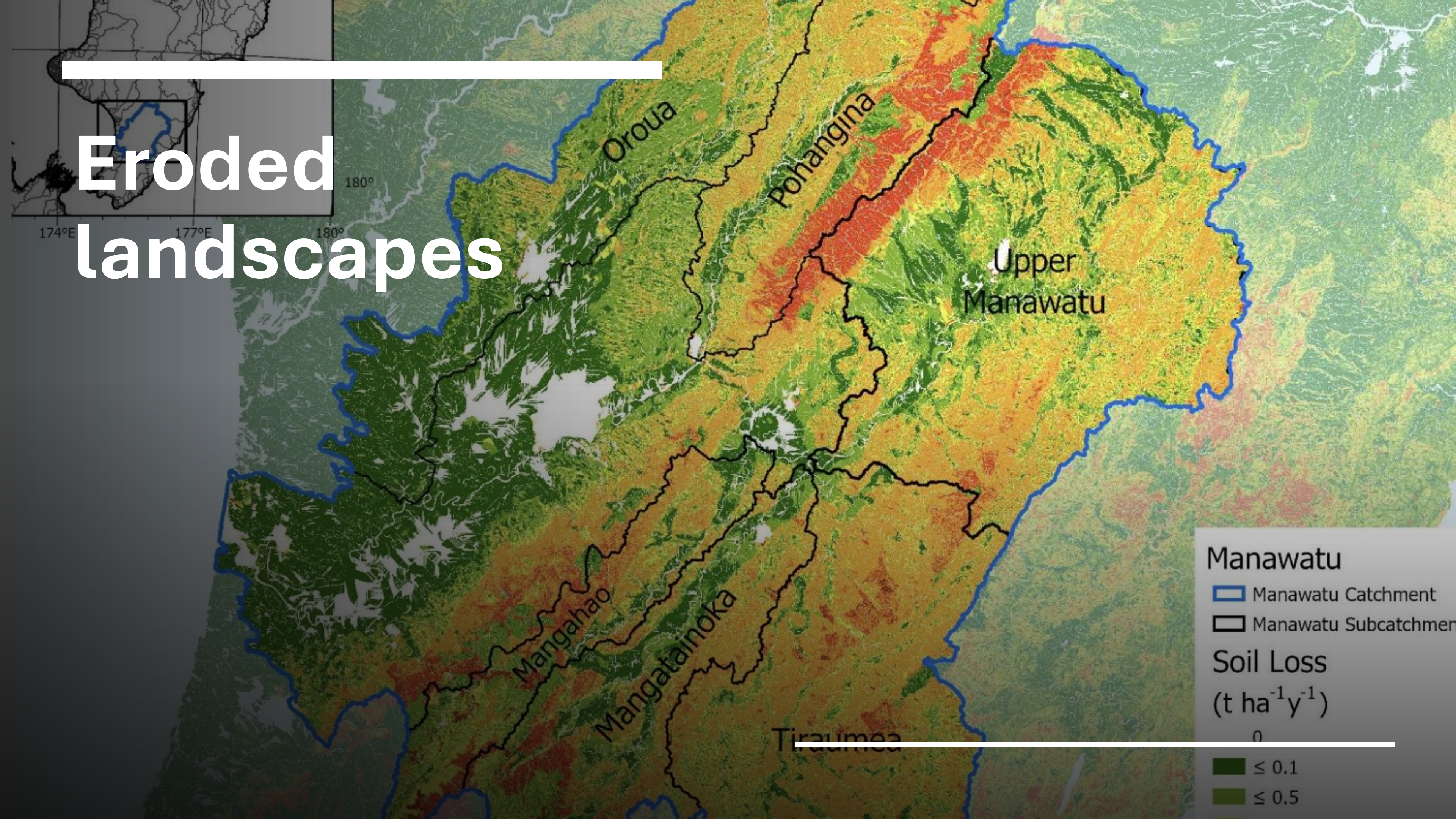
For the Common Good or the Tragedy of the Commons?

*Social cohesion, trust, and the
impact of misinformation*

Kate Hannah

The Disinformation Project

Eroded landscapes



The background is a dark space filled with intricate, glowing particle trails. On the left, a dense, bright orange cloud of fine lines and dots radiates from several points, with some purple highlights. On the right, a similar but more diffuse and teal-colored structure is visible. A solid white horizontal bar is positioned at the top right, above the text.

Eroded infoscapes



**Global
contexts**

Local contexts



MISINFORMATION



DISINFORMATION



The infodemic

REALITY DENIAL

Information disorders

Greta Thunberg
is a time traveller

STEVIE WONDER
ISN'T BLIND

ELVIS

**MATTRESS
FIRM MONEY
LAUNDERING
SCHEME**

CRYPTIDS

KYLIE JENNER
IS A CLONE

TI
NEV

the
ler

Alien
abductions

PRINCE CHARLES
VAMPIRE

*Tup
in*

Trustworthiness



Storytellers





Spaces

Connections

A landscape photograph featuring a flock of birds in flight, forming a large, dense, circular shape in the upper left portion of the sky. The sky is a gradient of blue and orange, suggesting a sunset or sunrise. In the foreground, there are dark, silhouetted trees and bushes. The middle ground shows a rolling green field with some smaller trees and bushes. The overall mood is serene and natural.

A photograph of a community garden with several raised wooden beds filled with various green plants and flowers. A gravel path runs through the center of the garden. In the background, there are modern buildings, including one with a 'SECURITY PATROL' sign and another with a 'Daddy Street' sign. The text 'For the common good' is overlaid in large white letters on the right side of the image.

For the common good

*A socially cohesive society with concern
for the common good is likely to be a
healthier society*

Ngā pātai

Questions for our presenters



Ngā mihi maioha
Thank you for attending



Alternative forms of governance for Te Taiao

Here-turi-kōkā August 10

Dr Melanie Mark-Shadbolt

Te Tira Whakamātaki Foundation

Dr Shaun Awatere

Manaaki Whenua Landcare Research

**SPEAKER'S
SCIENCE
FORUM**

Next in the series:

