

NETS 2021 Schedule of Speakers

Wednesday 28 July

9-11 am -- Session 1 -- **Predator Free 2050 Developments and Tools**

- Speaker 1 - Dan Tompkins, Science Strategy Manager Predator Free Ltd. -- Out to 2050: How to keep the new tools and innovations for Predator Free coming
- Speaker 2 -- Olivia Rothwell, Research and Development Project Support Manager Predator Free Ltd. -- Creating predator control data standards
- Speaker 3 -- Brett Butland, Senior Project Support Manager, Predator Free Ltd. -- Landscape scale projects news
- Speaker 4 -- Michelle Crowell, DOC Threats Manager, Southern -- New technology for PF2050
- Speaker 5 -- Helen Blackie, Senior Principal Biosecurity Consultant, Boffa Miskell -- Cutting edge predator control tools
- Speaker 6 -- Patrick Garvey, Landcare Research -- Eradication science, getting the last 5%

● 1-3 pm -- Session 2 -- **Pest animal management**

- Speaker 1 -- Henk Louw, Wellington City Council -- Integrating community trapping in urban spaces with large scale predator control projects
- Speaker 2 -- Dave Carlton, DOC -- Update on deer management and control
- Speaker 3 -- Al Glen, Landcare Research -- Using camera trapping and GPS collaring to estimate population density and detection probability of feral cats
- Speaker 4 -- Phil Lester, Victoria University -- Genetic control methods for pest control

Thursday 29 July:

● 9-11 am -- Session 3 -- **Contemporary Biosecurity Challenges**

- Speaker 1 -- Kaeden Leonard, Northland Regional Council -- Managing a large scale marine incursion response
- Speaker 2 -- Lawrence Davenhill, GWRC -- Aquatic/wetland weed management
- Speaker 3 -- Jenny Long, DOC -- Island biosecurity improvement programme
- Speaker 4 -- Steve Pawson, University of Canterbury -- Find-A-Pest: a biosecurity surveillance tool that facilitates the simple submission and identification of images from your phone to understand if they are a potential biosecurity risk. It is also a monitoring platform for known weed pests. This talk will outline what Find-A-Pest is (and is not), how you can use it, what happens to your data, and how to integrate it into your workflow.

- Speaker 5 -- Michelle Archer, Place Group -- Reflections and recommendations a koi carp incursion response
- 1–2 pm -- Session 4 -- **GEMS talks (pre-recorded)**
 - Andrew McConnell, Waikato Regional Council -- Utilizing drones and GIS as surveillance tools to track and monitor rook movements throughout the Waikato region prior to control. Challenges and learnings from a season like no other.
 - Sam Haultain, Taranaki Regional Council -- Unmanned aerial vehicles equipped with thermal imaging cameras have the potential to enable easy and effective rabbit monitoring in New Zealand, we put the method to the test! Spoiler alert: significant issues were identified.
 - Fiona Thomson, DOC -- Dispersal of Seaspurge and seed bank removal; a real-life example.
 - Reuben Harland, GWRC -- Urban deer control; night shooting and thermal imaging
 - Rosie Gerolemou, University of Auckland -- Community pest control groups generate social capital. Members of community conservation groups have better social networks, reciprocity and cooperation.
 - Cathy Nottingham, University of Auckland -- Landscape connectivity and feral cats on farms. GPS tracking and gut contents.
 - Jade Matthews and Zac Wilcox-Brown -- Monitoring results from Tradescantia leaf beetle (TLB) releases in the Auckland region in 2011. Spoiler alert: it's good news for the future spread of this biocontrol agent.
- 2:00 NZBI Awards ceremony
- 2:15 NZBI Annual General Meeting

Friday 30 July

- 9-11 am -- Session 5: **Pest Plant Management**
 - Speaker 1 -- Norm Mason, Landcare Research -- Sleeper weeds: Will climate change wake them up?
 - Speaker 2 -- Angela Bownes, Landcare Research -- Current and new targets for weed biocontrol
 - Speaker 3 -- Sherman Smith, MPI -- Wilding conifers and other landscape control projects
 - Speaker 4 -- Graeme Bourdôt, AgResearch, Evaluating the weed risk of multiple species
 - Speaker 5 -- Bill Dyck, Biological Heritage NSC -- Plant biosecurity science in NZ; recommendations to do better
 - Speaker 6 -- Illona Keenan, Wellington City Council -- Changing community behaviour to achieve weed control in an urban space

- 1-3 pm -- Session 6 -- **Mātauranga Māori-based pest management**
 - Session introduction by Kevin
 - Speaker 1 - Symon Palmer, Victoria University -- Were pests part of early mātauranga? Lessons from whakataukī and early ethnographic texts.
 - Speaker 2 - Tame Malcolm, Te Tira Whakamātaki -- Mātauranga inward pest control
 - Speaker 3 -- Te Amohaere Ngata-aerengamate -- Testing the efficacy of plant rongoā and commercial disinfectants against Kauri Dieback
 - Speaker 4 -- Mike Ross, Victoria University -- Tikanga Māori in relation to biosecurity