

# Day 1 Wednesday 9 August 2017

9.00 Conference opening - powhiri, official welcomes

9.30 Opening Speaker - Rawiri Faulkner, Greater Wellington Regional Council

10.00 *Morning tea*

10.30 GEMS - short presentations & poster papers

11.00 Biosecurity Partnership in Action - Boffa and LINZ (*D. Mole, LINZ & K. Gimblett, Boffa Miskell*)

11.20 Building a Biosecurity Team of 4.7 million – It's Your Gig Too! (*A. Bell, Ministry for Primary Industries*)

11.40 Predator Free NZ - the Big Picture (*J. Morgan, Predator Free NZ*)

12.00 New Tools for the Biosecurity Battlefield (*B. Richardson and S. Pawson, SCION*)

12.40 *Lunch*

## WEEDS

1.40 Velvetleaf in the Waikato: What's the Buzz?  
*H. Pene, Waikato Regional Council*

2.00 Commercial composting as a management tool for *Araujia hortorum* (moth plant)  
*S. Killick, Unitec*

2.20 Prioritising initial wilding conifer control across New Zealand  
*K. Lloyd, Wildland Consultants Ltd*

2.40 Upskilling a botanically challenged world - not all green is good  
*S. Brill, Northland Regional Council*

## VERTEBRATES

Development of the rat specific toxin norbormide  
*L. Shapiro, Boffa Miskell*

Hard to control rabbits  
*G. Sue, Greater Wellington RC*

The economics of monitoring traps with wireless networks  
*B. Warburton, Landcare Research*

A community's perspective of wild pigs  
*P. Edwards, AUT*

## INSECTS & MODELLING

*Culex quinquefasciatus* (Diptera: Culicidae), a cosmopolite in NZ  
*J. Kasper, NZ Biosecure Ltd*

*Vespula* biocontrol revisited  
*R. Groenteman, Landcare Research*

Plume Modelling For More Biosecurity Effective Responses  
*Z. Yu, MPI*

Developing and using online tools for improved decision making  
*A. Gormley, Landcare Research*

3.00 *Afternoon tea*

## WEEDS

3.30 A tale of three wetland weeds: the importance of networks and early intervention.  
*D. Havell, DOC*

3.50 Persistence, accuracy and timeliness: finding, mapping and managing non-native plant species on the island of South Georgia  
*B. Myer, Kaitiaki o Ngahere*

4.10 Woody weed populations in New Zealand: persistent or ephemeral?  
*K. McAlpine, DOC*

4.30 National Interest Pest Responses (NIPR) Programme: coordination and collaboration on longterm eradication programmes  
*F. Velvin, MPI*

## CATS

An overview of the National Cat Management Strategy Group

Where does kitty wander? Results from the Cat Tracker New Zealand Citizen Science project  
*H. Kikillus, Wellington City Council*

Non-traditional partnerships: fundamental to the management of domestic cats  
*M. Emeny, Wellington City Council*

Our pets vs. pests: An overview of the multi-agency Bay of Plenty Community Cat Project.  
*S. Kinsella, Rotorua SPCA & D. Williams, BOPRC*

## POLICY & PARTNERSHIPS

The balance game - Biosecurity Act policy development vs community/political will  
*J. Underwood, Marlborough District Council*

Improving risk communication and engagement between biosecurity agencies and their key partners and stakeholders – a passive surveillance example  
*L. Earl, MPI*

Collaboration in Biosecurity Management: the only way to go!  
*R. Bowman, Environment Southland*

Partnerships - lessons from dramas faced with retaining 1080 and developing emerging vertebrate pest control technologies  
*C. Eason, Lincoln University*

5.00 *New Zealand Biosecurity Institute Annual General Meeting*

6.00 *Mix 'n' Mingle, InterContinental*

# Day 2 Thursday 10 August 2017

## BIOCONTROL

- 8.30 An introduction to the horehound biological control group  
*G. Loxton, merino sheep farmer*
- 8.50 Progress on the biocontrol of tutsan and Japanese honeysuckle  
*H. Gourlay, Landcare Research*
- 9.10 Biocontrol of Tradescantia in Wellington. How are our beetles coping?  
*K. Van Der Walt, Wellington City Council*
- 9.30 SCION's current biological control projects to combat tree pests – tortoise beetle and giant willow aphid  
*T. Withers, SCION*

## TOOLS

- Other ways to capture and report data  
*TBC, Greater Wellington Regional Council*
- Automated pest detection technology  
*H. Blackie, Boffa Miskell*
- A bird's eye view for biosecurity  
*P. Peterson, Landcare Research*
- Conservation Dogs Programme – a collaboration between DOC, Auckland Council and Kiwibank  
*F. Buchanan, DOC*

## AQUATICS

- Validating Check, Clean and Dry  
*T. Burton, NIWA*
- Aquatic Weed Management Tools  
*M. Girvan, Boffa Miskell*
- Future-proofing aquatic weed control: developing toolboxes for best practice  
*P. Champion, NIWA*
- When are aquatic herbicides risky for freshwater health?  
*M. De Winton, NIWA*

9.50 *Morning tea*

## FIELD TRIP BACKGROUNDERS

- 10.20 Predator Free Wellington (*J. Willcocks, Wellington City Council*)
- 10.40 Predator Free NZ - every landowner the social norm (*K. Hastie, Crofton Downs Predator Free Community*)
- 11.00 Wellington's Halo Project (*I. Keenan, Wellington City Council*)
- 11.20 They've come - do we still need to build it? (*B. Smith, Wellington City Council*)
- 11.40 Key Native Ecosystems in Greater Wellington Region (*R. Romijn, Greater Wellington Regional Council*)

12.00 *LUNCH*

## FIELDTRIPS

### WILD SOUTH COAST & MIRAMAR PENINSULA

Enjoy a scenic round-the-bay's tour of Wellington's South Coast and Miramar Peninsula. We will stop at Owhiro Bay to showcase our boneseed pest plant containment programme, and for those wanting more of a walk you will be able to see Red Rocks seal colony. At Seatoun, you'll hear about the challenges of making Miramar Peninsula predator-free. Then it's Tarakena Bay where the Forest and Bird, Places for Penguins project has been restoring habitat, increasing local awareness, and helping prevent the little penguin/korora from becoming an endangered species.

### MATIU/SOMES ISLAND

Take the ferry across Wellington Harbour to Matiu/Somes Island - a haven for wildlife with a rich and diverse history. Currently the island is a Department of Conservation (DOC) scientific and historic reserve, under iwi ownership, and you'll learn about its fascinating past as a quarantine station and plans for its future as a predator free island. With time to wander the many paths around the island, you may be lucky enough to spot some of the rarer native species that live here - including tuatara and giant weta!

### KI UTA KI TAI – FROM THE MOUNTAINS TO THE SEA

Greater Wellington manages a large network of regional parks, using an integrated catchment management approach. This fieldtrip will travel up Te Awakairangi or Hutt River, from where it meets the sea to its origins in the Rimutaka Mountains. There will be various stops to learn about native forest regeneration in regional parks, balancing pest and weed control with recreational use of parks, and you'll even get a chance to have a Lord of the Rings moment at 'Rivendell' walking through some incredible old growth forests.

### KAPITI COAST

Visit three very different ecosystems on the Kapiti coast: Paekakariki Escarpment, part of the Te Araroa walkway being restored by the local community; Waikanae River where you can stretch your legs and see some of the great restoration work in progress; and Waitohu dunes where the long-term efforts of pest control are producing good biodiversity outcomes. All three projects are 15 years plus, and show restoration transformation at the landscape level. Guest speakers at each site will talk about past and future challenges and lessons learned in pest control operations.

### THE HALO AND ZEALANDIA

The 'halo' around Zealandia is ever expanding. We'll visit some halo sites explaining community and council biosecurity and biodiversity initiatives such as expanding trapping effort, university research and the ongoing weed challenges. Then we'll take you on a guided walk around Zealandia, the world's first fully-fenced urban ecosanctuary. The Zealandia field trip will cover eradication, fence breeches, the impacts of mice and some future work with pest fish, weeds and biosecurity education. There will be plenty of time for you to explore Zealandia on your own as part of this fieldtrip.

### BUSTING CLAYS

The annual competition for the claybird shooting trophy takes place again at a local gun club.

6.00 *Happy Hour*

7.00 *Conference Dinner*

# Day 3 Friday 11 August 2017

	<b>MARINE</b>	<b>LANDSCAPE</b>	<b>COMMUNITY</b>
9.00	Paving the pathway (marine biosecurity) <i>S. Clark, Northland Regional Council</i>	Creating a healthier Hunua <i>J. Miles, Auckland Council</i>	Pest Detective: the clues and the culprits <i>S. McCahon, NPCA</i>
9.20	Mediterranean fanworm – working collaboratively to manage an established marine pest <i>K. Walls, MPI</i>	Towards a pest free Auckland <i>B. Butland, Auckland Council</i>	Balancing operational realities against expectations: incursion response for brown bullhead catfish in Lake Rotoiti. <i>S. Grayling, BOPRC</i>
9.40	Marine biosecurity in Fiordland, a joint-agency approach <i>S. Cunningham, Environment Southland</i>	Restoring Taranaki – creating a new normal <i>L. Honnor, Wild for Taranaki</i>	Biosecurity awareness of ferry passengers travelling to islands in the Hauraki Gulf. <i>C. Neverman &amp; J. Lardner, Unitec</i>

10.00 Morning tea

	<b>MOTIVATING for COMMUNITY ACTION</b>	<b>BETTER BREWS for BLITZING WEEDS</b>	<b>OLD TRICKS for NEW DOGS</b>
10.30	People are illogical and irrational! But psychological frameworks can be used to motivate them to action. Attendees will develop a basic understanding of the steps necessary to change behaviour, hear relevant NZ examples, and work through a challenge of their own.	Come to this workshop if you want to help update the information available around new and improved chemical rates and methods. Share what works, what doesn't, and find answers for your problem weed species.	Be a part of the conversation of how pest species are being trapped throughout NZ - tips and tricks, 'X factors' and what works in the field.

## Closing Session

- 11.45 From Little Things, Big Things Grow - Kimbolton School's restoration and monitoring project (*H. Morton and students, Kimbolton School*)
- 12.15 Closing address and awards

12.30 Lunch