

Ramping up our Biosecurity

Licence to use Tomorrow's Toolbox?

BIOSECURITY CONFERENCE 2018

Afternoon of Wednesday 14 March and all day Thursday 15 March 2018
Scion (Rimu Room) Te Papa Tipu Innovation Park, 49 Sala Street,
Rotorua



PURPOSE OF THE CONFERENCE

The purpose of the conference is to work together on gaining and maintaining social licence to operate in an environment where toolbox constraints can limit the options for managing biosecurity.



BACKGROUND

The New Zealand government and the forestry sector need to work in partnership towards Biosecurity 2025. One of the strategic directions of the Biosecurity 2025 strategy is a toolbox for tomorrow – harnessing science and technology. The science, tools, and technology for managing biosecurity are constantly developing and evolving. New Zealand needs to work on innovative ways to manage biosecurity. BUT, these tools come with challenges and concerns from the public, potentially limiting our ability to use all the tools we have when we need them.



The conference will have two strands – *collaborating and sharing information about new tools and science* and *sharing insights into mechanisms and strategies to gain social licence to operate* when we might need to deploy these new tools and science.

PROGRAMME

DAY
01

WEDNESDAY 14 MARCH

Venue: Rimu Room, Scion — Chair: David Rhodes, CE, Forest Owners Association

- 10:00am – 12 noon ● FOA/FFA Forest Biosecurity Committee Meeting – closed meeting
- 12 noon to 1:00pm ● LUNCH FOR FBCC MEETING ATTENDEES – ALL WELCOME
- 1:00pm to 3:00pm ● FBCC Meeting – Forest Biosecurity Consultative Committee
Discuss key issues of interest to those in forest biosecurity and an update on biosecurity initiatives. All welcome. Chair, Brendan Gould, MPI. Agenda will be circulated.
- 3:00pm to 3:30pm ● TEA AND COFFEE

BIOSECURITY CONFERENCE – WELCOME FROM MINISTER AND KEYNOTE ADDRESS

- 3:30pm to 4:00pm ● Introduction – Chair, David Rhodes – CE, Forest Owners Association
Welcome – **Hon Damien O'Connor** – Minister for Agriculture, Biosecurity, Food Safety and Rural Communities
- 4:00pm to 5:00pm ● Keynote address – Tim Ebata
Gypsy Moth Spraying in Urban British Columbia – How do they do it and survive?

Tim is currently the Forest Health Officer for the Ministry of Forests, Lands, Natural Resource Operations and Rural Development in the province of British Columbia.

Introduction to Scion activities – Lindsay Bulman (5 minutes)
- 5:00pm to 6:00pm ● Activities at Scion (1 hour)

Thirty minutes for each activity, with groups divided. Activities will be outdoors on grassy and unpaved areas. Sensible shoes are advised.

1. Demonstration of a UAV mountable moth cyborg that uses the electrical impulses produced by the moth to detect pheromones. Progress with this will be discussed (Scion)

2. Looking for pests practical exercise. Trees and foliage will be marked with symptoms to simulate damage caused by a new organism and then participants will be asked to try to find them (as is done for the High Risk Site Surveillance programme). (Scion)
- 6:30pm onwards ● Dinner and networking
Make your way to Terrace Kitchen for dinner, drinks and networking.
Drinks and dinner at your own organisation's expense. See www.terrace.kitchen
1029 Tutanekei St, Rotorua Lakefront.

See Venise if you would like to attend the dinner but have not pre-paid.

PROGRAMME

DAY
02

THURSDAY MARCH 15

Venue: Rimu Room, Scion — Chair: David Rhodes, CE, Forest Owners Association.

8:00AM ● TEA AND COFFEE AVAILABLE

8:30am to 9:00am ● Welcome to Day 2 from the Chair – David Rhodes, CE of Forest Owners Association (5 minutes)

Overview from FOA David Rhodes – CE, FOA (10 minutes)

9:00am – 9:15am ● What was achieved in 2017 (15 minutes)
A review of the previous workshop action and outcomes and other forest biosecurity achievements. Dave Cormack (FBC)

MORNING SESSION – SOCIAL LICENCE TO OPERATE

9:15am – 9:45am ● Lessons from British Columbia – Obtaining social licence to operate. Report back from visit to BC. Venise Comfort (FOA) Rory McLellan (MPI), Lindsay Bulman (Scion), Dave Cormack (FOA)

9:45am – 10:15am ● TEA AND COFFEE BREAK (30 MINUTES) INCLUDING CYBER MOTH DEMONSTRATION FOR THOSE WHO MISSED IT FROM PREVIOUS DAY.

10:15am to 10:45pm ● Finding the Middle Ground: Addressing public health concerns in aerial spraying over Auckland. Virginia Hope, Medical Director Health Group, ESR

10:45pm to 11:15pm ● Urban battlefield: expunging plant pests. Tara Strand, Scion

11:15am - 11:45am ● Myrtle Rust: The effect on our social licence to operate. John Walsh, Communications Director, MPI

11:45am to 12:30pm ● Panel discussion – are we doing enough to gain social licence to control pests in urban environments? Chair – John Walsh (Panel includes all morning speakers, MPI and keynote speaker Tim Ebata)

12:30pm to 1:30pm ● LUNCH

AFTERNOON SESSION – TECHNOLOGIES FOR TOMORROW

1:30pm to 2:00pm ● A biosecurity toolbox for tomorrow – What is it and how can we use it? Bill Dyck (Biosecurity 2025 Strategic Direction 2), Steve Pawson (Scion), Rebecca McDougal (Scion), Emily Telfer (Scion)

2:00pm to 2:45pm ● Social science rubric discussion. **This is an interactive session where people's views on social licence to operate are canvased by a social scientist using a rubric technique.** Led by Will Allen (Learning for Sustainability) and Andrea Grant (Scion)

2:45m to 3:00pm ● AFTERNOON TEA

3:00pm to 3:45pm ● Panel discussion – what hope do we have? Chaired by David Rhodes.
Summary and conclusions – David Rhodes to lead and summarise outcomes and list of action points



Keynote speaker

Tim Ebata

Tim Ebata is currently the Forest Health Officer for the Ministry of Forests, Lands, Natural Resource Operations and Rural Development in the province of British Columbia, Canada. He has been in this position since 2010 but has been working at the forest health program headquarters based in Victoria, B.C. since 1995. Prior to moving to Vancouver Island, he was the regional entomologist in north western B.C. in Smithers where his main task was battling the mountain pine beetle. He leads the provincial forest health program which includes allocating a \$6m CAD annual budget to operational staff in regions and districts for both entomology and pathology activities. He also provides strategic direction to the programme and policy advice to staff and executive about forest health issues. Tim coordinates the annual provincial aerial overview survey that covers nearly 60 million hectares of forested land across the province. This data are used to document forest disturbances across the province to estimate timber losses and to direct management efforts if necessary. He is also the **lead for the province's gypsy moth eradication program.**

Tim completed his undergraduate degree in Zoology at UBC in 1981 and then went on to complete his Masters of Science in Forest Entomology at the University of British Columbia in 1986 under the supervision of Dr. John McLean (now retired in Gisborne). He is also a registered professional forester with the B.C. Association of Forest Professionals.

Tim has been directly involved in gypsy moth management since 1998 starting out as media spokesperson and communications coordinator for a 13,000 ha aerial spray programme in Victoria, B.C. His role has since expanded and is now leading the program which involves a considerable amount of detection and treatment planning, programme administration and communication. He continues to be the public face of the programme engaging with the public directly, through the media and online.



Virginia Hope

Virginia is the Medical Director, Health Group, ESR; Chair, HVDHB and CCDHB. Currently Chair of Hutt Valley and Capital and Coast District Health Boards (from 2010) and Medical Director for the Health Group at the Institute of Environmental Science and Research (ESR) from 2009. Virginia is the health representative on the Territorial Forces Employer Support Council and was made a Member of the New Zealand Order of Merit in June 2014.

Previously Medical Officer of Health (Environmental Health) and Manager (Environmental Health) at Auckland Regional Public Health Service and Senior Lecturer in Environmental Health at the School of Public Health, Auckland University (1992-2006).

Formerly at Auckland Area Health Board as Whole-Time Occupational Medicine Specialist, Chief Medical Officer, Chief Health Officer, and Regional Medical Officer of Health during transition from Area Health Board to Crown Health Enterprise.