

B3 Science Partnership Forum

19 October 2023

Brentwood Hotel, 16 Kemp Street, Kilbirnie, WELLINGTON

9.00	10 min	Karakia	Alby Marsh
9.10	10 min	Director welcome and update	Desi Ramoo
9.20	10 min	Update from the Co-Director Maori	Alby Marsh
9.30	55 min	<p>Theme A - Risk Assessment for Intentional Introductions</p> <p>Update on testing the toolbox.</p> <p>Progress update on He Waka Hourua Kaupapa</p> <p>Theme B -Risk Assessment for Unintentional Introductions</p> <p>Assessing the risk of Rapid 'Ōhi'a Death to NZ and the South Pacific</p> <p>Biosecurity risks from pathogens, pests and weeds in a changing climate</p>	<p>Barbara Barratt</p> <p>Jacqui Todd</p> <p>Waka Paul</p> <p>John Kean</p> <p>Virginia Marroni</p> <p>John Kean on behalf of Craig Phillips</p>
10.25	30 min	Break	
10.55	20 min	Te Ara Paerangi update	(TBC) MBIE
11.15	20 min	NZ Biosecurity Strategy update and priorities (Title TBC)	Pete Thomson MPI Chief Biosecurity Officer
11:35	20 min	Biosecurity science in conservation (Title TBC)	Mike Bunce DOC Chief Science Advisor
11.55	20 min	Meeting science challenges in a changing world (Title TBC)	Gill Jolly MBIE Chief Science Advisor
12.15	20 min	The workings of the GIA (Title TBC)	Erin Lane
12.35	60 min	Lunch	
1.40	65 min	<p>Theme C - Pathway risk management</p> <p>Developing 'fit-for-purpose' tools and methodologies for reducing risks along import pathways</p> <p>Risk reduction</p> <ul style="list-style-type: none"> ○ Optimising commodity treatments for insect pest contaminants <p>Detection tools</p> <ul style="list-style-type: none"> ○ Detection of contaminants on shipping containers 	<p>Nicolas Meurisse</p> <p>Nicolas Meurisse</p> <p>Jessica Vereijssen</p> <p>Damen Rajkumar</p>

		<p>Compliance and efficacy</p> <ul style="list-style-type: none"> ○ Herbicide resistance in ryegrass seed lots ○ Accelerated aging of plants to shorten post-entry quarantine <p>Emerging risks, knowledge gaps and opportunities</p> <ul style="list-style-type: none"> ○ Diapausing insect pests on pathways to NZ <p>New Project Safely increasing importation of plant tissue culture</p> <p>Theme D - Diagnostics</p> <p>Metatranscriptomics informing the relevance of pathogen disease biomarkers in plants</p> <p>Using images and deep learning for the identification of high-risk insect species</p>	<p>Chris Buddenhagen</p> <p>Rebekah Frampton</p> <p>Jessica Vereijssen</p> <p>Hayley Ridgway</p> <p>Karen Armstrong</p> <p>Sandra Visnovsky</p> <p>Chris Van Houtte</p>
2.45	20 min	Break	
3.05	70 min	<p>Theme E - Surveillance, Response & Eradication</p> <p>Expanding our eradication toolbox in NZ: Is biocontrol a feasible tool to incorporate in a response?</p> <p>Theme X Introduction to cross theme research</p> <p>Progress update on Te Ao Māori responses to biosecurity threats Kaupapa</p> <p>Building on success Novel sensor approaches to sniff out biosecurity threats</p> <p>How does an early career research see a future in biosecurity? 15 mins inclusive of Q&A</p>	<p>Jessica Vereijssen</p> <p>Rachael Horner</p> <p>Alby Marsh</p> <p>Waipaina Awarau-Morris</p> <p>Melissa Jordan</p> <p>Hone Ropata</p>
4.15		Close / Networking over refreshments	Alby Marsh