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**From:** IMS Support  
**Sent:** Thursday, 29 October 2020 2:57 pm  
**To:** Nienke Kloppenburg;IMS Support  
**Cc:** [redacted]@climateacuity.com;Belinda Storey;info@climateacuity.com  
**Subject:** RE: IMS Portal Access for new company [UNCLASSIFIED]

Kia ora Nienke,

Unfortunately we are only able to accept requests for Super Users from either a Director/Executive of the company or an existing Super User.

Please confirm you fit the above criteria or arrange for someone who does to request this level of access.

**Ngā mihi,**

**Pax Rattenbury**

INVESTMENT COORDINATOR

Investment Operations, Science System Investment and Performance - Labour, Science and Enterprise Group  
Ministry of Business, Innovation & Employment

Email - Īmera: [pax.rattenbury@mbie.govt.nz](mailto:pax.rattenbury@mbie.govt.nz) | DDI – Waea Tōtika: +6448965643 EXTN - 45643

Website – Pae-ipurangi: [www.mbie.govt.nz](http://www.mbie.govt.nz) | Postal – Poutāpeta: Level 6, 15 Stout Street, PO Box 1473, Wellington 6140



---

**From:** Nienke Kloppenburg [redacted]@climatesigma.com>  
**Sent:** Thursday, 29 October 2020 2:02 PM  
**To:** IMS Support <imssupport@mbie.govt.nz>  
**Cc:** [redacted]@climateacuity.com; Belinda Storey <[redacted]@climatesigma.com>; info@climateacuity.com  
**Subject:** IMS Portal Access for new company

Kia ora,

I hope you are all well today. I am contacting you on behalf of a new company (see CC). We would like to have access to the endeavour fund portal to enter with proposals. Can you please help me to get access to the IMS portal? You will find the forms in the attachments. I'm seeking to gain access for three people (two directors and one project manager who will assist)

**Ngā mihi**  
Nienke Kloppenburg

Project Management and Technical Assistant  
Climate Sigma

OIA 9(2)(a)

OIA 9(2)(a) [\[REDACTED\]@climatesigma.com](mailto: [REDACTED]@climatesigma.com)

<https://twitter.com/ClimateSigma>

<https://www.linkedin.com/company/climate-sigma>

<http://climatesigma.com/>

**From:** Belinda Storey <[redacted]@climatesigma.com>  
**Sent:** Thursday, 29 October 2020 4:11 pm  
**To:** IMS Support  
**Cc:** Nienke Kloppenburg <[redacted]@climateacuity.com>  
**Subject:** FW: IMS Portal Access for new company  
**Attachments:** investment-management-system-access-request-form - Nienke.docx; investment-management-system-access-request-form - Belinda.docx; investment-management-system-access-request-form - Greg.docx

Kia ora,

I am contacting you on behalf of our new company, Climate Acuity. We would like to have access to the Endeavour fund portal to enter with proposals.

Please provide me, and two of my colleagues with access to the IMS portal as per the attached forms. We are seeking to access for three people (two directors and one project manager).

Ngā mihi

Belinda Storey  
Director, Climate Acuity  
Director, Climate Sigma

---

**From:** Nienke Kloppenburg <[redacted]@climatesigma.com>  
**Date:** Thursday, 29 October 2020 at 2:02 PM  
**To:** "imssupport@mbie.govt.nz" <imssupport@mbie.govt.nz>  
**Cc:** "[redacted]@climateacuity.com" <[redacted]@climateacuity.com>, Belinda Sigma <[redacted]@climatesigma.com>, "info@climateacuity.com" <info@climateacuity.com>  
**Subject:** IMS Portal Access for new company

Kia ora,

I hope you are all well today. I am contacting you on behalf of a new company (see CC). We would like to have access to the endeavour fund portal to enter with proposals. Can you please help me to get access to the IMS portal? You will find the forms in the attachments. I'm seeking to gain access for three people (two directors and one project manager who will assist)

Ngā mihi  
Nienke Kloppenburg

Project Management and Technical Assistant  
Climate Sigma

[redacted]  
[redacted]@climatesigma.com

<https://twitter.com/ClimateSigma>

<https://www.linkedin.com/company/climate-sigma>

<http://climatesigma.com/>

# Investment Management System Access Request Form

The Investment Management System (IMS) is MBIE's secure online portal for managing funding applications.

Complete this form to receive an IMS login and password. Email the completed form to [imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz)

Note: If you are applying for funding on behalf of a University, Crown Research Institute, or similar organisation, contact your organisation's research office for IMS access.

We will process your form within 24 hours. When complete, the contact person (as noted below) will receive an automated email with the IMS login and temporary password. The temporary password will last 72 hours.

<b>Organisation details (applicant's details)</b> <i>An asterisk * denotes mandatory information</i>	
*Full legal name (e.g. as listed on NZ Companies Register)	CLIMATE ACUITY LIMITED
Full trading name (if different from above)	CLIMATE ACUITY
Type of entity (legal status)	Circle one of the following: Company/Trust/ Individual/ Other (please state)
GST number (if registered)	OIA 9(2)(b)(ii)
NZ Business number (NZBN, if applicable)	94-29048740722
NZ Companies Office registration number (if applicable)	8132561
*Office phone number	OIA 9(2)(a)
Office email address (if applicable)	info@climateacuity.com
*Postal address	Flat 19 Summit Apartments, 184 Molesworth Street, Thorndon, Wellington, 6011, New Zealand
*Physical address (if different from above)	Flat 19 Summit Apartments, 184 Molesworth Street, Thorndon, Wellington, 6011, New Zealand
<b>Contact person (who will be completing/submitting the application)</b> <i>An asterisk * denotes mandatory information</i>	
*Salutation	Circle one of the following: Miss / Ms / Mrs / Mr / Dr / Professor / Associate professor / Assistant professor
*Full name*	Nienke Kloppenburg
*Job title or position	Project Manager
Phone number	OIA 9(2)(a)
*Email address	OIA 9(2)(a) @climatesigma.com
What fund/grant are you applying for?	Endevour Fund
Level of access: <i>Note: All organisations require at least one Superuser</i>	Circle one of the following: User (create and update applications, but not submit them) Superuser (submit funding applications to MBIE)



2C

# Investment Management System Access Request Form

The Investment Management System (IMS) is MBIE's secure online portal for managing funding applications.

Complete this form to receive an IMS login and password. Email the completed form to [imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz)

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Full trading name (if different from above)	CLIMATE ACUITY
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NZ Business number (NZBN, if applicable)	94-29048740722
NZ Companies Office registration number (if applicable)	8132561
*Office phone number	OIA 9(2)(a)
Office email address (if applicable)	info@climateacuity.com
*Postal address	Flat 19 Summit Apartments, 184 Molesworth Street, Thorndon, Wellington, 6011, New Zealand
*Physical address (if different from above)	Flat 19 Summit Apartments, 184 Molesworth Street, Thorndon, Wellington, 6011, New Zealand
<b>Contact person (who will be completing/submitting the application)</b> <i>An asterisk * denotes mandatory information</i>	
*Salutation	Circle one of the following: Miss / <b>Ms</b> / Mrs / Mr / Dr / Professor / Associate professor / Assistant professor
*Full name*	Belinda OIA 9(2)(a) STOREY
*Job title or position	Director
Phone number	OIA 9(2)(a)
*Email address	OIA 9(2)(a) @climatesigma.com
What fund/grant are you applying for?	Endeavour Fund
Level of access: <i>Note: All organisations require at least one Superuser</i>	Circle one of the following: <b>User</b> (create and update applications, but not submit them) Superuser (submit funding applications to MBIE)



2D

# Investment Management System Access Request Form

The Investment Management System (IMS) is MBIE's secure online portal for managing funding applications.

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Note: If you are applying for funding on behalf of a University, Crown Research Institute, or similar organisation, contact your organisation's research office for IMS access.

We will process your form within 24 hours. When complete, the contact person (as noted below) will receive an automated email with the IMS login and temporary password. The temporary password will last 72 hours.

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*Full legal name (e.g. as listed on NZ Companies Register)	CLIMATE ACUITY LIMITED
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NZ Business number (NZBN, if applicable)	94-29048740722
NZ Companies Office registration number (if applicable)	8132561
*Office phone number	OIA 9(2)(a)
Office email address (if applicable)	info@climateacuity.com
*Postal address	Flat 19 Summit Apartments, 184 Molesworth Street, Thorndon, Wellington, 6011, New Zealand
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<b>Contact person (who will be completing/submitting the application)</b> <i>An asterisk * denotes mandatory information</i>	
*Salutation	Circle one of the following: Miss / Ms / Mrs / Mr (Dr) / Professor / Associate professor / Assistant professor
*Full name*	Gregory OIA 9(2)(a) Bodeker
*Job title or position	Director
Phone number	OIA 9(2)(a)
*Email address	OIA 9(2)(a) @climateacuity.com
What fund/grant are you applying for?	Endeavour Fund
Level of access: <i>Note: All organisations require at least one Superuser</i>	Circle one of the following: User (create and update applications, but not submit them) Superuser (submit funding applications to MBIE)

**From:** IMS Support  
**Sent:** Friday, 30 October 2020 10:12 am  
**To:** Belinda Storey;IMS Support  
**Cc:** Nienke Kloppenburg <OIA 9(2)(a)> @climateacuity.com  
**Subject:** RE: IMS Portal Access for new company [UNCLASSIFIED]

Kia ora Belinda

I have set up superuser access for Greg and Nienke, and user access for yourself to IMS. Nienke already had an IMS login, so can use the existing login – there is a link to reset the password in the login page if you have forgotten this.

An automated email has been sent containing confirmation of your user name (your email address) and a temporary password. If you haven't received this email please check your junk mail/spam folder.

This password will remain valid for the next 72 hours.

After you log in to IMS you will be able to access the IMS external user manual. This is available through the 'Help' link in the top right of your screen.

If you have any further enquiries please either email us at [imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz) or phone us on 0800 693 778 (Monday to Friday, 8.30am to 4.30pm).

Ngā mihi

Annie Whiterod  
IMS Support

Investment Operations, Science System Investment and Performance, Labour, Science and Enterprise  
Ministry of Business, Innovation & Employment

[imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz) | Telephone: 0800 693 778  
NZBN 9429000106078



---

**From:** Belinda Storey <OIA 9(2)(a)> @climatesigma.com>  
**Sent:** Thursday, 29 October 2020 4:11 PM  
**To:** IMS Support <imssupport@mbie.govt.nz>  
**Cc:** Nienke Kloppenburg <OIA 9(2)(a)> @climatesigma.com>; OIA 9(2)(a) @climateacuity.com  
**Subject:** FW: IMS Portal Access for new company

Kia ora,

I am contacting you on behalf of our new company, Climate Acuity. We would like to have access to the Endeavour fund portal to enter with proposals.



Please provide me, and two of my colleagues with access to the IMS portal as per the attached forms. We are seeking to access for three people (two directors and one project manager).

Ngā mihi

Belinda Storey  
Director, Climate Acuity  
Director, Climate Sigma

---

**From:** Nienke Kloppenburg <[redacted]@climatesigma.com>  
**Date:** Thursday, 29 October 2020 at 2:02 PM  
**To:** "imssupport@mbie.govt.nz" <imssupport@mbie.govt.nz>  
**Cc:** [redacted] <[redacted]@climateacuity.com>, Belinda Sigma <[redacted]@climatesigma.com>, "info@climateacuity.com" <info@climateacuity.com>  
**Subject:** IMS Portal Access for new company

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Ngā mihi  
Nienke Kloppenburg

Project Management and Technical Assistant  
Climate Sigma

[redacted]  
[redacted] <[redacted]@climatesigma.com>

<https://twitter.com/ClimateSigma>  
<https://www.linkedin.com/company/climate-sigma>  
<http://climatesigma.com/>

---

**From:** IMS Support  
**Sent:** Wednesday, 9 December 2020 11:50 am  
**To:** Nienke Kloppenburg  
**Subject:** RE: Small change in registration REG-77717-ENDRP-CACUI [UNCLASSIFIED]

Hooray! Great work!

Ngā mihi,  
**Mel**

**Mel Thompson**

[\[She/Her\]](#)

INVESTMENT COORDINATOR

Investment Operations, Science System Investment and Performance - Labour, Science and Enterprise Group  
Ministry of Business, Innovation & Employment



**MINISTRY OF BUSINESS,  
INNOVATION & EMPLOYMENT**  
HIKINA WHAKATUTUKI



---

**From:** Nienke Kloppenburg <[DIA 9\(2\)\(a\)](#)> @climatesigma.com>  
**Sent:** Wednesday, 9 December 2020 11:47 AM  
**To:** IMS Support <[imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz)>  
**Subject:** RE: Small change in registration REG-77717-ENDRP-CACUI [UNCLASSIFIED]

Hi Mel,

Excellent, and thank you for your quick reply. All fixed and good now.

Ngā mihi  
Nienke Kloppenburg

---

**From:** IMS Support <[imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz)>  
**Sent:** woensdag 9 december 2020 11:44  
**To:** Nienke Kloppenburg <[DIA 9\(2\)\(a\)](#)> @climatesigma.com>  
**Subject:** RE: Small change in registration REG-77717-ENDRP-CACUI [UNCLASSIFIED]

Hi Nienke,

I've returned that to you for rework, so you can make your change and re-submit 😊

Ngā mihi,  
**Mel**

**Mel Thompson**

[\[She/Her\]](#)

INVESTMENT COORDINATOR

Investment Operations, Science System Investment and Performance - Labour, Science and Enterprise Group  
Ministry of Business, Innovation & Employment



---

**From:** Nienke Kloppenburg <OIA 9(2)(a) @climatesigma.com>  
**Sent:** Wednesday, 9 December 2020 11:40 AM  
**To:** IMS Support <imssupport@mbie.govt.nz>  
**Subject:** Small change in registration REG-77717-ENDRP-CACUI

Kia ora,

If at all possible, I would like to make a small change in the registration of:

[REG-77717-ENDRP-CACUI](#)

Pricing Climate Risk: a Task Force on Climate-related Financial Disclosures

Could we please shorten the title to just "Pricing Climate Risk"  
My apologies to bother you with this and many thanks!

Ngā mihi  
Nienke Kloppenburg

Project Management and Technical Assistant  
Climate Sigma  
OIA 9(2)(a)  
OIA 9(2)(a) @climatesigma.com

<https://twitter.com/ClimateSigma>  
<https://www.linkedin.com/company/climate-sigma>  
<http://climatesigma.com/>

[www.govt.nz](http://www.govt.nz) - your guide to finding and using New Zealand government services

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**Subject:** Endeavour Fund - MBIE Engagement Session [Climate Acuity] [IN-CONFIDENCE: RELEASE-EXTERNAL]  
**Location:** MEET WLG STOUT 7.09 (8) (and Microsoft Teams)  
**Start:** Thu 14/10/2021 3:15 pm  
**End:** Thu 14/10/2021 3:45 pm  
**Recurrence:** (none)  
**Meeting Status:** Accepted  
**Organizer:** Aarti Kathuria  
**Required Attendees:** Aarti Kathuria; Max Kennedy; Sarah McDermott; Kylie Hood; Endeavour; OIA 9(2)(a) @climateacuity.com; OIA 9(2)(a) @climateacuity.com; OIA 9(2)(a) @climatesigma.com; OIA 9(2)(a) @climateacuity.com  
**Optional Attendees:** MEET WLG STOUT 7.09 (8) Collab Screen; Greg Bodeker  
**Resources:** MEET WLG STOUT 7.09 (8)

Tēnā koe Nienke

Thank you for registering your response and preferred time slot for the MBIE engagement session for your organisation.

Please find the Microsoft teams link to join the meeting.

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## Microsoft Teams meeting

### Join on your computer or mobile app

[Click here to join the meeting](#)

### Join with a video conferencing device

[830083302@t.plcm.vc](tel:830083302@t.plcm.vc)

Video Conference ID: 139 490 202 6

[Alternate VTC instructions](#)

### Or call in (audio only)

[+64 4-280 8090,,548943057#](tel:+6442808090548943057) New Zealand, Wellington

Phone Conference ID: 548 943 057#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

---

Ngā mihi nui

Aarti

Aarti Kathuria (she/her\*)

SENIOR PROGRAMME COORDINATOR

Science System Investment and Performance (SSIP), Labour, Science and Enterprise (LSE)  
Ministry of Business, Innovation & Employment

**Email – Īmera:** [aarti.kathuria@mbie.govt.nz](mailto:aarti.kathuria@mbie.govt.nz) | **DDI – Waea Tōtika:** +64 (0) 483 19635 | **DDI – Waea Tōtika:** OIA 9(2)(a)

**Website – Pae-ipurangi:** [www.mbie.govt.nz](http://www.mbie.govt.nz) | **Postal – Poutāpeta:** 15 Stout Street, Wellington 6140  
NZBN 9429000106078

\*If you're wondering about the use of the pronouns she/her on this signature, [read this article](#) about how sharing pronouns in this way can help create an inclusive and safe environment for transgender and nonbinary colleagues.



# 6

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**Subject:** Catch up - Digital Climate Data Collation Project with MfE

**Start:** Tue 9/11/2021 3:00 pm  
**End:** Tue 9/11/2021 4:00 pm  
**Show Time As:** Tentative

**Recurrence:** (none)

**Organizer:** Nienke Kloppenburg

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## Microsoft Teams meeting

**Join on your computer or mobile app**

[Click here to join the meeting](#)

[Learn More](#) | [Meeting options](#)

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**From:** Rachael Pettigrew  
**Sent:** Thursday, 27 January 2022 9:48 pm  
**To:** Belinda Storey  
**Subject:** Re: Climate Change and Insurance Risks.... [IN-CONFIDENCE: RELEASE-EXTERNAL]

Done. Many thanks and I look forward to meeting you then.

On 27/01/2022, at 9:11 PM, Belinda Storey <Belinda.Storey@climatesigma.com> wrote:

Perfect. Let's meet at 11.30am at La Cloche.

Belinda

---

**From:** Rachael Pettigrew <Rachael.Pettigrew@mbie.govt.nz>  
**Date:** Thursday, 27 January 2022 at 8:18 PM  
**To:** Belinda Sigma <[OIA 9(2)(a)]@climatesigma.com>  
**Subject:** RE: Climate Change and Insurance Risks.... [IN-CONFIDENCE: RELEASE-EXTERNAL]

I can be available anytime up till 1.30pm. and Yes, La Cloche is straight out my front door.

Rachael

---

**From:** Belinda Storey <[OIA 9(2)(a)]@climatesigma.com>  
**Sent:** Thursday, 27 January 2022 4:48 pm  
**To:** Rachael Pettigrew <Rachael.Pettigrew@mbie.govt.nz>  
**Subject:** Re: Climate Change and Insurance Risks.... [IN-CONFIDENCE: RELEASE-EXTERNAL]

Coffee on Monday works for me. La Cloche on the Terrace?

Belinda

---

**From:** Rachael Pettigrew <[Rachael.Pettigrew@mbie.govt.nz](mailto:Rachael.Pettigrew@mbie.govt.nz)>  
**Date:** Thursday, 27 January 2022 at 4:38 PM  
**To:** Belinda Sigma <[OIA 9(2)(a)]@climatesigma.com>  
**Subject:** RE: Climate Change and Insurance Risks.... [IN-CONFIDENCE: RELEASE-EXTERNAL]

Hi Belinda,

Nice to e-meet you too! And thanks again Erica for making the connection.

Yes, I'm based in Wellington (bottom end of The Terrace) and coffee is the best way to talk. I'll be in the city on Monday and Wednesday next week – any chance there is some availability in your calendar?

Kind regards,

Rachael

**Rachael Pettigrew**

MANAGER – RISK FINANCING & INSURANCE  
New Zealand Government Procurement Branch | Building, Resources and Markets  
Ministry of Business, Innovation & Employment

[rachael.pettigrew@mbie.govt.nz](mailto:rachael.pettigrew@mbie.govt.nz) | OIA 9(2)(a)  
25 The Terrace, Wellington 6011 | PO Box 1473, Wellington 6140, New Zealand |  
[www.procurement.govt.nz](http://www.procurement.govt.nz) | [www.gpg.govt.nz](http://www.gpg.govt.nz)



New Zealand Government

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**From:** Belinda Storey <OIA 9(2)(a)@climatesigma.com>  
**Sent:** Thursday, 27 January 2022 4:31 pm  
**To:** Erica Miles <OIA 9(2)(a)>; Rachael Pettigrew <[Rachael.Pettigrew@mbie.govt.nz](mailto:Rachael.Pettigrew@mbie.govt.nz)>  
**Subject:** Re: Climate Change and Insurance Risks....

Erica - Happy New Year to you!

Rachael – good to e-meet you.

If you're based in Wellington let me know if you're free for coffee next week. It would be great to learn more about your work.

Warm regards,

Belinda

---

**From:** Erica Miles <OIA 9(2)(a)>  
**Date:** Thursday, 27 January 2022 at 4:14 PM  
**To:** Belinda Sigma <OIA 9(2)(a)@climatesigma.com>, Rachael Pettigrew <[Rachael.Pettigrew@mbie.govt.nz](mailto:Rachael.Pettigrew@mbie.govt.nz)>  
**Subject:** Climate Change and Insurance Risks....

Hi Belinda,

Happy New Year!

I was just speaking with Rachael (at MBIE) who is tasked with managing a rather large AOG insurance risk consolidation project (very cool)....and I have suggested that you two touch base....Rachael is looking at AOG insurance risks including climate risks like flood, storm and sea level rise - which is a natural extension to your research work with retail lending portfolios.



Like you, Rachael is a 'good egg' and comes highly recommended. OIA 9(2)(a)  
She is looking forward to hearing you speak at the INFINZ CRD masterclass series.

I will leave it in your hands to connect with each other.

Take care

**Erica Miles**

Director - West Nine Consulting Limited

E: OIA 9(2)(a)

M: +64 21 065 3860

[www.govt.nz](http://www.govt.nz) - your guide to finding and using New Zealand government services

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[www.govt.nz](http://www.govt.nz) - your guide to finding and using New Zealand government services

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**Subject:** Belinda & Rachael coffee  
**Location:** La Cloche  
  
**Start:** Mon 31/01/2022 11:30 am  
**End:** Mon 31/01/2022 12:15 pm  
**Show Time As:** Tentative  
  
**Recurrence:** (none)  
  
**Organizer:** Belinda Storey

---

## Microsoft Teams meeting

**Join on your computer or mobile app**  
[Click here to join the meeting](#)

[Learn More](#) | [Meeting options](#)

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**From:** Rachael Pettigrew  
**Sent:** Tuesday, 1 February 2022 9:59 am  
**To:** Belinda Storey  
**Subject:** RE: Climate Change and Insurance Risks.... [IN-CONFIDENCE: RELEASE-EXTERNAL]

Hi Belinda,

I just want to let you know that I thoroughly enjoyed our conversation yesterday and on reflection, I owe you an apology for monopolising the conversation around my ARF project.

It was so refreshing to hear that there is so much research and investigation within our wider system that calls out for better data to support better decision making for the future. I know that the data base we are looking to create to support the ARF project will be concentrated and limited to more underwriting data at the outset, but my intention is that as confidence and trust grows across the stakeholders in the integrity of the data and we demonstrate the benefits of a collaborative and transparent model to inform decisions on critical public assets – this data base will grow. All great things start from an acorn.

I'm busily starting to reach out and source the various papers/briefings that you mentioned and will look to find how they could support the assumptions we have made in the ARF project, particularly around the risk of insurer retreat and the friction to obtain the data required to produce an overall risk profile for critical public assets.

Here is a link to the latest update on the developing Australian reinsurance pool for cyclones and flood that I mentioned: <https://www.reinsurancene.ws/australian-gov-releases-draft-legislation-on-10bn-cyclone-reinsurance-pool/#:~:text=Australian%20Gov%20releases%20draft%20legislation%20on%20%2410bn%20cyclone%20reinsurance%20pool,-3rd%20December%202021&text=The%20proposed%20reinsurance%20pool%20will,small%20business%20property%20insurance%20policies>. It isn't going as smoothly as they had hoped and I understand that industry are becoming very nervous if it will be delivered on time and to meet the objectives set.

I'd very much like the opportunity to have a further discussion with you, and certainly explore any opportunity for your involvement as an independent reviewer, supporting consultant or external position on the governance board. I will raise this with my GM and gauge when would be the appropriate time to start further discussion on this with you.

Please keep in touch and I look forward to the possibility of you coordinating a meeting with Emma Corbett, and opening some doors into MFE.

Enjoy the rest of your week and I hope you are able to make the most of the long weekend (weather dependent of course 😊).

Kind regards,  
Rachael

---

**From:** Belinda Storey <OIA 9(2)(a) @climatesigma.com>  
**Sent:** Thursday, 27 January 2022 9:09 pm  
**To:** Rachael Pettigrew <Rachael.Pettigrew@mbie.govt.nz>  
**Subject:** Re: Climate Change and Insurance Risks.... [IN-CONFIDENCE: RELEASE-EXTERNAL]

Perfect. Let's meet at 11.30am at La Cloche.

Belinda

---

**From:** Nienke Kloppenburg [OIA 9\(2\)\(a\)](#) [@climatesigma.com](mailto:@climatesigma.com)>  
**Sent:** Tuesday, 17 May 2022 4:05 pm  
**To:** Belinda Storey; Hanna Habibi  
**Subject:** Re: Coffee catch up - MBIE cafe

Pike survey:

[https://www.landcareresearch.co.nz/discover-our-research/environment/sustainable-society-and-policy/survey-of-rural-decision-makers/#:~:text=The%20Survey%20of%20Rural%20Decision%20Makers%20\(SRDM\)%20is%20a%20resource,Land%20Use%2C%20land%2Duse%20change](https://www.landcareresearch.co.nz/discover-our-research/environment/sustainable-society-and-policy/survey-of-rural-decision-makers/#:~:text=The%20Survey%20of%20Rural%20Decision%20Makers%20(SRDM)%20is%20a%20resource,Land%20Use%2C%20land%2Duse%20change)

Ngā manaakitanga

**Nienke Kloppenburg**  
*Project Manager*  
*Whakahura - Extreme Events and the Emergence of Climate Change*

Mobile [OIA 9\(2\)\(a\)](#)  
[OIA 9\(2\)\(a\)](#) [@climatesigma.com](mailto:@climatesigma.com)

---

**From:** Belinda Storey  
**Sent:** Thursday, 12 May 2022 9:29 am  
**To:** hanna.habibi@mbie.govt.nz <hanna.habibi@mbie.govt.nz>  
**Subject:** Coffee catch up - MBIE cafe  
**When:** Tuesday, 17 May 2022 3:00 pm-4:00 pm.  
**Where:** Microsoft Teams Meeting

---

**From:** Hanna Habibi  
**Sent:** Wednesday, 18 May 2022 9:31 am  
**To:** Belinda Storey  
**Subject:** RE: How do we get the skills we need? [UNCLASSIFIED]

Hi Belinda,

Thanks, it was really great seeing you and talking about climate change and its various obstacles, it was very enlightening for me and I look forward to further catch ups.

Thanks for the link as well, assessing the labour market capacity and shortages is very important and I will try to figure out if any thorough analysis is being done somewhere.

Cheers,  
Hanna

-----Original Message-----

**From:** Belinda Storey [OIA 9\(2\)\(a\)@climatesigma.com](mailto:OIA 9(2)(a)@climatesigma.com)>  
**Sent:** Tuesday, 17 May 2022 10:17 pm  
**To:** Hanna Habibi <[Hanna.Habibi@mbie.govt.nz](mailto:Hanna.Habibi@mbie.govt.nz)>  
**Subject:** How do we get the skills we need?

Hi Hanna,

Lovely catching up with you today.

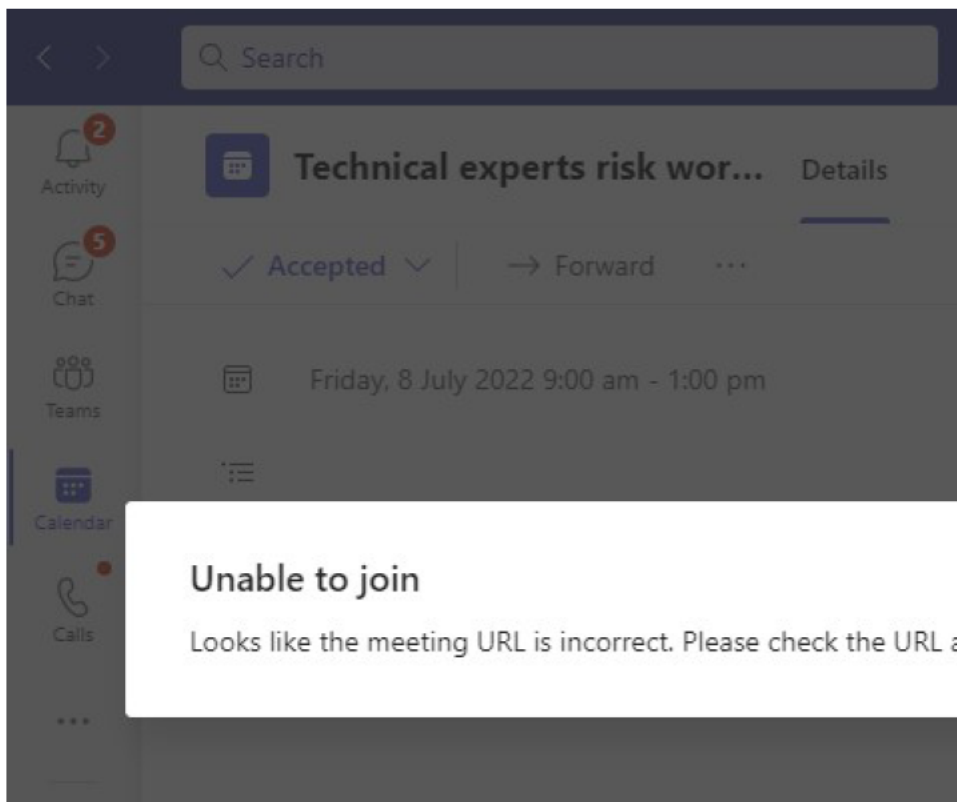
I see Infrastructure Commission has identified that labour shortages may hold back their strategy. Don't know if they've conducted detailed the analysis. Might be worth talking to them?

<https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fstrategy.tewaihanga.govt.nz%2Fissues%2Fhow-do-we-get-the-skills-we-need-to-meet-our-future-needs&data=05%7C01%7CHanna.Habibi%40mbie.govt.nz%7C18fa72022f654f74f50d08da37ee905b%7C78b2bd11e42b47eab0112e04c3af5ec1%7C0%7C0%7C637883795126758850%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0%3D%7C1000%7C%7C%7C&sdata=ZU49KCE5fw8yD0VVdmkADpZIVQbi2zKidZUZKnl2Sk%3D&reserved=0>

Belinda

**From:** Claudia Lyons  
**Sent:** Friday, 8 July 2022 9:07 am  
**To:** Craig Mackenzie | Vantage NZ; Phoebe McCartie (NZ) [OIA 9(2)(a)] @lic.co.nz; [OIA 9(2)(a)] @zespri.com; [OIA 9(2)(a)] @ravensdown.co.nz; [OIA 9(2)(a)] @pggwrightson.co.nz; [OIA 9(2)(a)] @hortnz.co.nz; Anne (Venture); belinda.miller@mpi.govt.nz; [OIA 9(2)(a)] @climatesigma.com; [OIA 9(2)(a)] @pggwrightson.co.nz; [OIA 9(2)(a)] @silverfern farms.co.nz; [OIA 9(2)(a)] @tandg.global; david.mead@mfe.govt.nz; [OIA 9(2)(a)] @nzwine.com; Fiona Acheson; [OIA 9(2)(a)] @far.org.nz; [OIA 9(2)(a)] @dti.kiwi; jenika.phipps@fma.govt.nz; [OIA 9(2)(a)] @agresearch.co.nz; keith.zhang@mpi.govt.nz; [OIA 9(2)(a)] @outlook.com; [OIA 9(2)(a)] @comvita.com; mackenzie.nicol@mpi.govt.nz; mudgep@landcareresearch.co.nz; [OIA 9(2)(a)] @nzfin.co.nz; philip.wiles@niwa.co.nz; [OIA 9(2)(a)] @scionresearch.com; sam.ragnarsson@mfe.govt.nz; sam.ragnarsson@mpi.govt.nz; [OIA 9(2)(a)] @aswilcox.co.nz; [OIA 9(2)(a)] @primarypurpose.co.nz; [OIA 9(2)(a)] @asurequality.com; [OIA 9(2)(a)] @craigmore.com; [OIA 9(2)(a)] @theaotearoacircle.nz; Will Burrett; [OIA 9(2)(a)] @tehono.co.nz; [OIA 9(2)(a)] @countdown.co.nz; [OIA 9(2)(a)] @plantandfood.onmicrosoft.com; [OIA 9(2)(a)] @carbonz.io; [OIA 9(2)(a)] @hortnz.co.nz  
**Cc:** Victoria Hatton (NZ); Dominic Thorn (NZ); Ethan Kay (NZ); Jared McCormack (NZ)  
**Subject:** RE: Agriculture Adaptation Roadmap Technical Expert Group Risk Workshop starts in 30 minutes

Am also experiencing this



Claudia Lyons  
SENIOR REGIONAL ADVISOR - TE TAI TOKERAU  
Kānoa – Regional Economic Development & Investment Unit  
Ministry of Business, Innovation & Employment

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[Website](#) | [Twitter](#) | [Facebook](#)

NZBN 9429000106078



[New Zealand Govt](#)

**From:** Craig Mackenzie | Vantage NZ OIA 9(2)(a) [@vantage-nz.com](mailto:craig.mackenzie@vantage-nz.com)  
**Sent:** Friday, 8 July 2022 9:02 am  
**To:** Phoebe McCartie (NZ) OIA 9(2)(a) [@pwc.com](mailto:phoebe.mccartie@pwc.com); OIA 9(2)(a) [@lic.co.nz](mailto:span@lic.co.nz); OIA 9(2)(a) [@zespri.com](mailto:span@zespri.com); OIA 9(2)(a) [@ravensdown.co.nz](mailto:span@ravensdown.co.nz); OIA 9(2)(a) [@pggwrightson.co.nz](mailto:span@pggwrightson.co.nz); OIA 9(2)(a) [@hortnz.co.nz](mailto:span@hortnz.co.nz); Anne (Venture) OIA 9(2)(a) [@venture.org.nz](mailto:span@venture.org.nz); belinda.miller@mpi.govt.nz; OIA 9(2)(a) [@climatesigma.com](mailto:span@climatesigma.com); OIA 9(2)(a) [@pggwrightson.co.nz](mailto:span@pggwrightson.co.nz); OIA 9(2)(a) [@silverfernfarms.co.nz](mailto:span@silverfernfarms.co.nz); Claudia Lyons <[Claudia.Lyons@mbie.govt.nz](mailto:Claudia.Lyons@mbie.govt.nz)>; OIA 9(2)(a) [@tandg.global](mailto:span@tandg.global); david.mead@mfe.govt.nz; OIA 9(2)(a) [@nzwine.com](mailto:span@nzwine.com); Fiona Acheson <[Fiona.acheson@nzte.govt.nz](mailto:Fiona.acheson@nzte.govt.nz)>; OIA 9(2)(a) [@far.org.nz](mailto:span@far.org.nz); OIA 9(2)(a) [@dtt.kiwi](mailto:span@dtt.kiwi); jenika.phipps@fma.govt.nz; OIA 9(2)(a) [@agresearch.co.nz](mailto:span@agresearch.co.nz); keith.zhang@mpi.govt.nz; OIA 9(2)(a) [@outlook.com](mailto:span@outlook.com); OIA 9(2)(a) [@comvita.com](mailto:span@comvita.com); mackenzie.nicol@mpi.govt.nz; mudgep@landcareresearch.co.nz; OIA 9(2)(a) [@nzfin.co.nz](mailto:span@nzfin.co.nz); philip.wiles@niwa.co.nz; OIA 9(2)(a) [@scionresearch.com](mailto:span@scionresearch.com); sam.ragnarsson@mfe.govt.nz; sam.ragnarsson@mpi.govt.nz; OIA 9(2)(a) [@aswilcox.co.nz](mailto:span@aswilcox.co.nz); OIA 9(2)(a) [@primarypurpose.co.nz](mailto:span@primarypurpose.co.nz); OIA 9(2)(a) [@asurequality.com](mailto:span@asurequality.com); OIA 9(2)(a) [@craigmore.com](mailto:span@craigmore.com); OIA 9(2)(a) [@theaotearoacircle.nz](mailto:span@theaotearoacircle.nz); Will Burrett OIA 9(2)(a) [@ngaitahu.iwi.nz](mailto:span@ngaitahu.iwi.nz); OIA 9(2)(a) [@tehono.co.nz](mailto:span@tehono.co.nz); OIA 9(2)(a) [@countdown.co.nz](mailto:span@countdown.co.nz); OIA 9(2)(a) [@plantandfood.onmicrosoft.com](mailto:span@plantandfood.onmicrosoft.com); OIA 9(2)(a) [@carbonz.io](mailto:span@carbonz.io); OIA 9(2)(a) [@hortnz.co.nz](mailto:span@hortnz.co.nz)  
**Cc:** Victoria Hatton (NZ) OIA 9(2)(a) [@pwc.com](mailto:span@pwc.com); Dominic Thorn (NZ) <OIA 9(2)(a) [@pwc.com](mailto:span@pwc.com)>; Ethan Kay (NZ) <OIA 9(2)(a) [@pwc.com](mailto:span@pwc.com)>; Jared McCormack (NZ) <OIA 9(2)(a) [@pwc.com](mailto:span@pwc.com)>  
**Subject:** RE: Agriculture Adaptation Roadmap Technical Expert Group Risk Workshop starts in 30 minutes

Hi Phoebe

That link is not working, it says the url is incorrect?

Cheers  
Craig

**From:** Phoebe McCartie (NZ) OIA 9(2)(a) [@pwc.com](mailto:phoebe.mccartie@pwc.com)  
**Sent:** Friday, 8 July 2022 8:32 AM  
**To:** OIA 9(2)(a) [@lic.co.nz](mailto:span@lic.co.nz); OIA 9(2)(a) [@zespri.com](mailto:span@zespri.com); OIA 9(2)(a) [@ravensdown.co.nz](mailto:span@ravensdown.co.nz); OIA 9(2)(a) [@pggwrightson.co.nz](mailto:span@pggwrightson.co.nz); OIA 9(2)(a) [@hortnz.co.nz](mailto:span@hortnz.co.nz); OIA 9(2)(a) [@venture.org.nz](mailto:span@venture.org.nz); belinda.miller@mpi.govt.nz; OIA 9(2)(a) [@climatesigma.com](mailto:span@climatesigma.com); OIA 9(2)(a) [@pggwrightson.co.nz](mailto:span@pggwrightson.co.nz); OIA 9(2)(a) [@silverfernfarms.co.nz](mailto:span@silverfernfarms.co.nz); [claudia.lyons@mbie.govt.nz](mailto:claudia.lyons@mbie.govt.nz); OIA 9(2)(a) [@tandg.global](mailto:span@tandg.global); Craig Mackenzie | Vantage NZ OIA 9(2)(a) [@vantage-nz.com](mailto:span@vantage-nz.com); david.mead@mfe.govt.nz; OIA 9(2)(a) [@nzwine.com](mailto:span@nzwine.com); fiona.acheson@nzte.govt.nz; OIA 9(2)(a) [@far.org.nz](mailto:span@far.org.nz); OIA 9(2)(a) [@dtt.kiwi](mailto:span@dtt.kiwi); jenika.phipps@fma.govt.nz; OIA 9(2)(a) [@agresearch.co.nz](mailto:span@agresearch.co.nz); keith.zhang@mpi.govt.nz; OIA 9(2)(a) [@outlook.com](mailto:span@outlook.com); OIA 9(2)(a) [@comvita.com](mailto:span@comvita.com);

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[philip.wiles@niwa.co.nz](mailto:philip.wiles@niwa.co.nz); [\[redacted\]@scionresearch.com](mailto:[redacted]@scionresearch.com); [sam.ragnarsson@mfe.govt.nz](mailto:sam.ragnarsson@mfe.govt.nz);  
[sam.ragnarsson@mpi.govt.nz](mailto:sam.ragnarsson@mpi.govt.nz); [\[redacted\]@aswilcox.co.nz](mailto:[redacted]@aswilcox.co.nz); [\[redacted\]@primarypurpose.co.nz](mailto:[redacted]@primarypurpose.co.nz);  
[\[redacted\]@asurequality.com](mailto:[redacted]@asurequality.com); [\[redacted\]@craigmore.com](mailto:[redacted]@craigmore.com); [\[redacted\]@theaotearoacircle.nz](mailto:[redacted]@theaotearoacircle.nz); Will Burrett  
[\[redacted\]@ngaitahu.iwi.nz](mailto:[redacted]@ngaitahu.iwi.nz)>; [\[redacted\]@tehono.co.nz](mailto:[redacted]@tehono.co.nz); [\[redacted\]@countdown.co.nz](mailto:[redacted]@countdown.co.nz);  
[\[redacted\]@plantandfood.onmicrosoft.com](mailto:[redacted]@plantandfood.onmicrosoft.com); [\[redacted\]@carbonz.io](mailto:[redacted]@carbonz.io); [\[redacted\]@hortnz.co.nz](mailto:[redacted]@hortnz.co.nz)  
**Cc:** Victoria Hatton (NZ) [\[redacted\]@pwc.com](mailto:[redacted]@pwc.com)>; Dominic Thorn (NZ) [\[redacted\]@pwc.com](mailto:[redacted]@pwc.com)>; Ethan Kay  
(NZ) [\[redacted\]@pwc.com](mailto:[redacted]@pwc.com)>; Jared McCormack (NZ) [\[redacted\]@pwc.com](mailto:[redacted]@pwc.com)>  
**Subject:** Agriculture Adaptation Roadmap Technical Expert Group Risk Workshop starts in 30 minutes

Tēnā koutou katoa,

**Our hui begins in 30 minutes, see you shortly!**

Today, 9:00am - 1:00pm

[Join the Hui via this link](#)

[Access the SharePoint for materials](#)

Ngā mihi and looking forward to seeing you all.

Phoebe

--

Phoebe McCartie

PwC | Graduate Associate | Sustainability & Climate Change

[\[redacted\]](mailto:[redacted])

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**From:** Belinda Storey OIA 9(2)(a) @climatesigma.com>  
**Sent:** Friday, 27 January 2023 3:12 pm  
**To:** Hanna Habibi  
**Subject:** Re: Catch up [UNCLASSIFIED]

Hi Hanna,

Sorry, I'm away for two weeks. Back on February 15th.

Belinda

On 27/01/2023, at 2:27 PM, Hanna Habibi <Hanna.Habibi@mbie.govt.nz> wrote:

Hi Belinda,

Hope you are well and have a lovely weekend and trip next week!

Let's pin a time to catch up for when you return. Will Monday, Tuesday Feb 7<sup>th</sup> work for you?  
Anytime after 3 would be the best time 😊

Looking forward to catching up with you!

Cheers,  
Hanna

### **Hanna Habibi**

SENIOR RESEARCH AND DATA ANALYST  
Chief Economist Unit | Strategic Policy and Programmes  
Ministry of Business, Innovation & Employment  
[hanna.habibi@mbie.govt.nz](mailto:hanna.habibi@mbie.govt.nz)  
Level 4, 15 Stout Street, Wellington 6011, New Zealand  
[www.mbie.govt.nz](http://www.mbie.govt.nz)

The information contained in this document is intended only for the addressee and is not necessarily the views nor the official communication of the Ministry of Business, Innovation & Employment.

**From:** Hanna Habibi  
**Sent:** Thursday, 16 February 2023 11:28 am  
**To:** Belinda Storey  
**Subject:** RE: Catch up [UNCLASSIFIED]

Really sorry about it all! I should have made sure you have seen the updates 😞

---

**From:** Belinda Storey <[OIA 9(2)(a)]@climatesigma.com>  
**Sent:** Thursday, 16 February 2023 11:27 am  
**To:** Hanna Habibi <Hanna.Habibi@mbie.govt.nz>  
**Cc:** Nienke Kloppenburg <[OIA 9(2)(a)]@climatesigma.com>  
**Subject:** Re: Catch up [UNCLASSIFIED]

No worries at all. Didn't see it until just now as have been in back to back meetings.

[OIA 9(2)(a)]

Ngā manaakitanga

Belinda

On 16/02/2023, at 11:12 AM, Hanna Habibi <[Hanna.Habibi@mbie.govt.nz](mailto:Hanna.Habibi@mbie.govt.nz)> wrote:

Uh, didn't she receive the update I sent this morning?

[OIA 9(2)(a)]

---

**From:** Nienke Kloppenburg <[OIA 9(2)(a)]@climatesigma.com>  
**Sent:** Thursday, 16 February 2023 10:53 am  
**To:** Hanna Habibi <[Hanna.Habibi@mbie.govt.nz](mailto:Hanna.Habibi@mbie.govt.nz)>  
**Cc:** Belinda Storey <[OIA 9(2)(a)]@climatesigma.com>  
**Subject:** Re: Catch up [UNCLASSIFIED]

Hi Hanna,

Belinda is running about 10 minutes late! apologies!

Ngā manaakitanga

Nienke Kloppenburg

*Project Manager*

*Whakahura - Extreme Events and the Emergence of Climate Change*

Mobile OIA 9(2)(a)

OIA 9(2)(a) @climatesigma.com

---

**From:** Hanna Habibi  
**Sent:** Friday, 27 January 2023 3:16 pm  
**To:** Hanna Habibi <[Hanna.Habibi@mbie.govt.nz](mailto:Hanna.Habibi@mbie.govt.nz)>; Belinda Storey <[Belinda.Storey@climatesigma.com](mailto:Belinda.Storey@climatesigma.com)>  
**Subject:** Catch up [UNCLASSIFIED]  
**When:** Thursday, 16 February 2023 11:00 am-12:00 pm.  
**Where:** Home Cafe

Hi Belinda,

Hope you are safe and dry in between of cyclones and EQs 😊

OIA 9(2)(a)

Do you think we can reschedule our catch up for next week same time?

Cheers,  
Hanna

**From:** Farzana Masouleh  
**Sent:** Thursday, 2 March 2023 10:29 am  
**Cc:** Joanne Looyen  
**Subject:** [UNCLASSIFIED]

Kia ora koutou,

I hope you are doing well and have had a lovely week so far. As promised, I am pleased to let you know that the recording of the narrative CV webinar along with the presented slide deck are now published on MBIE website. Please follow the link below to access. You can find them under “Narrative CV webinars”.

[Investment Management System \(IMS\) Portal | Ministry of Business, Innovation & Employment \(mbie.govt.nz\)](#)

**Survey:**

A friendly reminder that I have liaised with the survey team to leave the Narrative CV webinar **survey** open until the end of next week, **10<sup>th</sup> March**. We have had a satisfactory participation rate so far, and would love to hear from more of you.

[Narrative C.V. webinar - follow-up survey \(research.net\)](#)

As always please reach out to Joanne or myself with any questions/suggestions you might have.

Noho ora mai (Stay well)  
Farzana

**Dr Farzana Masouleh**

Investment Manager, Contestable Investments

Science System Investment and Performance Branch

Ministry of Business, Innovation & Employment

Email - Īmēra: [Farzana.Masouleh@mbie.govt.nz](mailto:Farzana.Masouleh@mbie.govt.nz) | Mobile – Waea Pūkoro: OIA 9(2)(a)

Website – Pae-ipurangi: [www.mbie.govt.nz](http://www.mbie.govt.nz) | Postal – Poutāpeta: Level 8, 15 Stout Street, PO Box 1473, Wellington 6140

**From:** Cuwan Van Der Wat  
**Sent:** Friday, 12 May 2023 8:26 am  
**To:** Nienke Kloppenburg;NZRIS  
**Subject:** RE: Extreme Weather Research Database [UNCLASSIFIED]

Kia ora Nienke

Thank you for getting in touch and apologies for the delayed response,

I have had a look and can see that we have received your bulk submission, this will be published in the next update which is scheduled to go-live on Monday 15 May

Also, there is no cut off and we continue to collect submissions to this database

If anything looks awry on Monday when the next iteration of the database is published feel free to get back in contact

Noho ora mai

Nā Cuwan 😊

---

Cuwan van der Wat (*he/him*)  
COMMUNICATIONS AND ENGAGEMENT LEAD  
NEW ZEALAND RESEARCH INFORMATION SYSTEM (NZRIS)

Science and Innovation | Digital, Data & Insights | Data, Insights and Intelligence  
Ministry of Business, Innovation & Employment (MBIE)

[Cuwan.vanderWat@mbie.govt.nz](mailto:Cuwan.vanderWat@mbie.govt.nz)

15 Stout Street, Wellington, New Zealand



[New Zealand Government](https://www.govt.nz)

---

**From:** Nienke Kloppenburg <[OIA 9\(2\)\(a\)@climatesigma.com](mailto:OIA 9(2)(a)@climatesigma.com)>  
**Sent:** Wednesday, 10 May 2023 2:08 pm  
**To:** Cuwan van der Wat <[Cuwan.vanderWat@mbie.govt.nz](mailto:Cuwan.vanderWat@mbie.govt.nz)>; NZRIS <[NZRIS@mbie.govt.nz](mailto:NZRIS@mbie.govt.nz)>  
**Subject:** Re: Extreme Weather Research Database [UNCLASSIFIED]

Kia ora,

Im helping Ilan Noy to do a large upload on research that is being done within the Whakahura programme (RTVU1906). We decided to submit the different research parts, so that the research and data in the database is reflecting what is happening, the different outcomes are visible and the researchers can be contacted.

I did a big upload/submission last week on Thursday. But this is not reflected in the data base. Was the cut off earlier and will it be added in the next update? Or did something go wrong?

Ngā manaakitanga

**Nienke Kloppenburg**  
*Project Manager*  
*Whakahura - Extreme Events and the Emergence of Climate Change*

Mobile OIA 9(2)(a)  
OIA 9(2)(a) @climatesigma.com

---

**From:** Cuwan van der Wat <[Cuwan.vanderWat@mbie.govt.nz](mailto:Cuwan.vanderWat@mbie.govt.nz)>  
**Date:** Monday, 8 May 2023 at 10:16 AM  
**To:** NZRIS <[NZRIS@mbie.govt.nz](mailto:NZRIS@mbie.govt.nz)>  
**Subject:** RE: Extreme Weather Research Database [UNCLASSIFIED]

Some people who received this message don't often get email from [cuwan.vanderwat@mbie.govt.nz](mailto:cuwan.vanderwat@mbie.govt.nz). [Learn why this is important](#)

Kia ora koutou.

Following on from the release of the extreme weather research data collection tool on April 20, the Ministry of Business, Innovation and Employment (MBIE) has just launched the database itself.

You can access the database here: [Extreme Weather Research Database](#)

More information on contributing to and updating entries in the database can be found below.

Thank you to those who have already made contributions and to those who have shared the submission link with others in the Research, Science and Innovation sector.

Noho ora mai  
Nā Cuwan

---

**Cuwan van der Wat** (*he/him*)  
COMMUNICATIONS AND ENGAGEMENT LEAD  
NEW ZEALAND RESEARCH INFORMATION SYSTEM (NZRIS)

Science and Innovation | Digital, Data & Insights | Data, Insights and Intelligence  
Ministry of Business, Innovation & Employment (MBIE)

[Cuwan.vanderWat@mbie.govt.nz](mailto:Cuwan.vanderWat@mbie.govt.nz)

15 Stout Street, Wellington, New Zealand

---

**From:** Cuwan van der Wat  
**Sent:** Thursday, 20 April 2023 1:15 pm  
**To:** NZRIS <[NZRIS@mbie.govt.nz](mailto:NZRIS@mbie.govt.nz)>  
**Subject:** Extreme Weather Research Database [UNCLASSIFIED]

Kia ora koutou.

You are receiving this email as you are a part of a list of key contacts the Science and Innovation (S&I) team at MBIE has identified as being active in the Research Science and Innovation (RSI) space.

**Extreme Weather Research Database:**

In response to the recent severe weather in New Zealand, the RSI sector is undertaking research activities to support response and recovery efforts. To ensure that the RSI sector is well-coordinated, able to share ideas and work together, the [New Zealand Research Information System](#) (NZRIS), led by the S&I team at MBIE, is coordinating a central source of data about extreme weather research and funding.

The database is a work-in-progress data set primarily intended for researchers to find out what research is happening and to make connections, and for communities to understand the research response, where it has been directed, and to use research findings where applicable. The S&I team is undertaking this work on behalf of the RSI sector, and the data collected aligns with standards set by NZRIS, so that once NZRIS is up and running, this information can be incorporated into our national system.

To learn more about the database, please visit our website [here](#).

**How to include data:**

If you are a researcher undertaking extreme weather-related research or an organisation funding such research, we would appreciate your contribution to the database. We have made it easy to submit data through a secure online submission form administered by MBIE. If you have any questions or need assistance in completing the form, please do not hesitate to contact us at [nzris@mbie.govt.nz](mailto:nzris@mbie.govt.nz)

To create a submission, please use the following link: [Create a submission](#)

**How to update data:**

Updating an entry in the database is also easy. You can use the same form you used to submit your initial entry, select 'Updating an existing record in the database,' and follow the prompts from there. This will allow you to update your records, such as by adding Local Output IDs to include research outputs. If you are updating an existing entry, you will need to know your database submission ID, which can be found in the database itself once it is published. Your submission ID can be found in the first column of the database and will begin with 'EWRD-P-' followed by four numbers.

**Spreading the word:**

It is important that we reach the right people to contribute to the database, we encourage you to spread the word by forwarding this email to any other organisations or individuals that you know would be interested in contributing.

Thank you for your time.

Noho ora mai  
Nā Cuwan

---

**Cuwan van der Wat** (*he/him*)  
COMMUNICATIONS AND ENGAGEMENT LEAD  
NEW ZEALAND RESEARCH INFORMATION SYSTEM (NZRIS)

Science and Innovation | Digital, Data & Insights | Data, Insights and Intelligence  
Ministry of Business, Innovation & Employment (MBIE)

[Cuwan.vanderWat@mbie.govt.nz](mailto:Cuwan.vanderWat@mbie.govt.nz)

15 Stout Street, Wellington, New Zealand



New Zealand Government



**From:** James Wilson  
**Sent:** Tuesday, 30 May 2023 9:28 am  
**To:** Richard Smith; Vanessa Bennett  
**Cc:** Belinda Storey  
**Subject:** RE: Status of MWLCR EWP ecology project [UNCLASSIFIED]

Kia ora Richard,

We are still in the process of contracting (some minor amendments), but should be safe for you include in your webinar schedule.

Suggest you reach out to Graham ([Sevicke-JonesG@landcareresearch.co.nz](mailto:Sevicke-JonesG@landcareresearch.co.nz)) directly.

I'd also be happy to check in with Graham first if you foresee any issues.

James

---

**From:** Richard Smith <[richard.smith@gns.cri.nz](mailto:richard.smith@gns.cri.nz)>  
**Sent:** Monday, 29 May 2023 4:21 pm  
**To:** James Wilson <[James.Wilson@mbie.govt.nz](mailto:James.Wilson@mbie.govt.nz)>; Vanessa Bennett <[vanessa.bennett@mbie.govt.nz](mailto:vanessa.bennett@mbie.govt.nz)>  
**Cc:** Belinda Storey <sup>OIA 9(2)(a)</sup> @climatesigma.com>  
**Subject:** Status of MWLCR EWP ecology project

Kia ora kōrua

Just checking on the contracting and public status of the MWLCR P1 project – do you have a timeline on when this will be made public? I ask because we are organising webinars over the next 2 weeks for the EW Platform projects and would like to include them if we can.

Ngā mihi  
Richard

**Dr Richard Smith**  
Director | [Kaiwhakahaere matua](#)  
Resilience to Nature's Challenges | [Kia manawaroa – Ngā Ākina o Te Ao Tūroa](#)

Mob: <sup>OIA 9(2)(a)</sup>  
[resiliencechallenge.nz](http://resiliencechallenge.nz)  
[Facebook](#) | [Twitter](#) | [LinkedIn](#)



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# 18A

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**Subject:** FW: WEBINAR 2 - Extreme Weather Research Platform (save the date)  
**Location:** Online

**Start:** Mon 17/07/2023 11:30 am  
**End:** Mon 17/07/2023 2:00 pm  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Nienke Kloppenburg

-----Original Appointment-----

**From:** Nienke Kloppenburg <[OIA.9\(2\)\(a\)@climatesigma.com](mailto:OIA.9(2)(a)@climatesigma.com)>  
**Sent:** Tuesday, 13 June 2023 16:45  
**To:** Nienke Kloppenburg  
**Cc:** Gill Jolly  
**Subject:** WEBINAR 2 - Extreme Weather Research Platform (save the date)  
**When:** Monday, 17 July 2023 11:30-14:00 (UTC+12:00) Auckland, Wellington.  
**Where:** Online

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe:

Kia ora koutou,

Thank you for your valuable contribution to the first EWRP webinar. Attendees provided positive feedback on the webinar's pace and level of detail and found it helpful in understanding project contacts.

We are pleased to invite you for our second EWRP webinar on July 17th. **Please confirm your availability by accepting this invite.**

Like the first webinar, this webinar will be recorded. However, we assure you that we will not make use of the recording without your explicit permission. If you have other work commitments, let us know and we'll facilitate the webinar to allow you to step out after you have completed your 5 min presentation. Below you will find the webinar outline and key dates.

### Webinar information: Lightning Talks

The purpose of the lightning talks is to convey key information from each project. Since we will be covering all the projects in one webinar, it is essential for everyone to adhere to the schedule and stay on time.

### Key Dates:

- **6 July EOB** - Send a maximum of 3 slides to me ([nienke.kloppenburg@climatesigma.com](mailto:nienke.kloppenburg@climatesigma.com)) using the attached template.
- You will receive a presenters link closer to the webinar date. Please DO NOT share the presenter link with anyone else.

### This week, please ensure you complete the following:

- Accept the invitation to confirm your availability.

**On the day of the webinar, please note the following schedule:**

- 11:30 am - 12:00 pm: Join the webinar for a technical test.
- 12:00 pm - 1:30 pm: Webinar (including 5 min break)
- 1:30 pm - 2:00 pm: Q&A session.

Please do not hesitate to reach out if you have any questions or require additional support. We are here to assist you.

Thank you once again for your valuable contribution. We look forward to your participation in the upcoming webinar.

Ngā manaakitanga

**Nienke Kloppenburg**

*Project Manager & Coordination support*

*Whakahura – Extreme Events and the Emergence of Climate Change*

*MBIE – Extreme Weather Platform (EWP) projects*

Mobile OIA 9(2)(a)

OIA 9(2)(a)

[@climatesigma.com](mailto:climatesigma.com)

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## Instructions

- Please Prepare **no more than 3 Slides**
- Feel free to modify the template to better align with your project, but please ensure that the following details are included:
  - Project introduction
  - Project Stakeholders
  - Deliverables/outputs and their date/timeline
- Do not include many layered animations



# Introduction project

*For example, choose one of the following options to provide more context for the project:*

- *Introduce the research by stating the purpose or necessity.*

*OR*

- *Outline the primary objectives of your research, limiting them to a maximum of three.*

*OR*

- *Share an image that you can talk too as introduction of the project.*



# Outcomes and stakeholders/end users

*Please list up to three outcomes for your research and who your key stakeholders/end-users are (for each of the outcomes)*

*Example:*

Outcome A	(Names stakeholder/end-user) and/or (Names key relationships)
Outcome B	(Names stakeholder/end-user) and/or (Names key relationships)
Outcome C	(Names stakeholder/end-user) and/or (Names key relationships)



# Outputs and timelines

*Please list the most important resources that you will be producing as outputs of your research and the dates you expect them to be available.*

*Example:*

Dataset....	Date/timeline
Assessment....	Date/timeline
Report....	Date/timeline

*Contact details of Project leader/Principal investigator*

*Names of team members and their institutions*



EXTREME WEATHER  
RESEARCH PLATFORM  
*Te Rāngai Rangahau Āhuarangi*

**From:** Phoebe Nguyen  
**Sent:** Monday, 24 July 2023 2:03 pm  
**To:** andrew.tait@niwa.co.nz  
**Cc:** belinda.storey@climatesigma.com  
**Subject:** Climate-related data [UNCLASSIFIED]

Kia ora Andrew,

I'm Phoebe, working at the Regions, Sectors, Business and Economic Development team within MBIE. Currently, I'm developing the Regional Economic Activity Webtool, [here](#). I would like to add to our website some measures indicating how a region and/or a territorial authority tend to suffer climate risks, including: Rainfall, Drought, Coastal sea-level rise, Temperature, Wind. Some of these indicators are partly published at Stats NZ website, but I also saw they refer to NIWA in some places.

I have been passed your contact by my friend - Belinda Storey. Please redirect the email to the right person if it's not you. I would like to ask if NIWA have any of the above data available at the region and territorial authority levels? Or any other data you think might be of our interest.

Ngā mihi nui,

**Phoebe Nguyen (she/her)**

Senior Research and Data Analyst

Regions, Sectors, Business and Economic Development  
Evidence and Insight | Digital Insights & Intelligence  
Ministry of Business, Innovation & Employment  
[Phoebe.nguyen@mbie.govt.nz](mailto:Phoebe.nguyen@mbie.govt.nz) | +64 49011343  
15 Stout Street, PO Box 1473, Wellington 6140



**Subject:** Drinks for Dryas  
**Location:** Hanging Ditch (14 Leeds Street, Wellington, New Zealand)  
**Start:** Thu 19/10/2023 4:30 pm  
**End:** Thu 19/10/2023 8:00 pm  
**Show Time As:** Tentative  
**Recurrence:** (none)  
**Organizer:** Nienke Kloppenburg

Hello fellow climate geeks,

Now that El Niño conditions are now occurring (as a majority of NIWA's criteria for classifying an El Niño event have been satisfied), Belinda thought it is about time that we meet again to share ideas and insights or simply catch-up.

Belinda would like to invite you to Drinks for Dryas (5 stars if you remember why she chose this name!). We will be there from 4:30 pm onwards, at the Hanging Ditch (14 Leeds Street, Te Aro, Wellington 6011). Looking forward to seeing you there!

Ngā manaakitanga

**Nienke Kloppenburg**

*Project Manager & Coordination support  
Whakahura – Extreme Events and the Emergence of Climate Change  
MBIE – Extreme Weather Research Platform (EWRP) projects*

<https://resiliencechallenge.nz/extreme-weather-research-platform/>

Mobile OIA 9(2)(a)

OIA 9(2)(a) @climatesigma.com

# 21

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**From:** Mireille Consalvey  
**Sent:** Thursday, 19 October 2023 9:17 am  
**To:** Nienke Kloppenburg  
**Subject:** Declined: Drinks for Dryas [UNCLASSIFIED]

I am so sorry for the cancel. I am unwell.

Best laid plans eh?

withhold page in full, s9(2)(a)

**Subject:** New Event  
**Location:** Microsoft Teams Meeting

**Start:** Wed 25/10/2023 3:00 pm  
**End:** Wed 25/10/2023 4:00 pm  
**Show Time As:** Tentative

**Recurrence:** (none)

**Organizer:** Nienke Kloppenburg

Kia ora,

I hope you are doing well. We are emailing you to invite you to our next regional science managers hui (RSM Hui), topic: Insurance, recent media coverage IAG.

#### Context Regional Science Managers hui

Once a month, we hold a Regional Science Managers Hui where we come together with the science managers of the North-Island Extreme Weather Event (NI EWE) affected regions. This was set up after Cyclone Gabrielle to share information around response and recovery, and to engage. It is now used as an opportunity for the researchers within the [EWRP/MBIE NI EWE funded projects](#) to share/present/discuss some of their work and/or initial outputs. And we like to extend the invite to all regional science managers.

The Hui is an informal gathering with usually one or two research project presentations, followed by Q&A. Generally, we have between 4-10 people attending and **the hui is optional to attend depending on your interest in the topic and availability.**

Ngā manaakitanga

#### Nienke Kloppenburg

*Project Manager & Coordination support*

*Whakahura – Extreme Events and the Emergence of Climate Change*

*MBIE – Extreme Weather Research Platform (EWRP) projects*

<https://resiliencechallenge.nz/extreme-weather-research-platform/>

Mobile OIA 9(2)(a)

OIA 9(2)(a) @climatesigma.com

---

## Microsoft Teams meeting

**Join on your computer, mobile app or room device**

[Click here to join the meeting](#)

Meeting ID: 499 207 416 599

Passcode: 2mViZh

[Download Teams](#) | [Join on the web](#)

[Learn More](#) | [Meeting options](#)

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# EXTREME WEATHER RESEARCH PLATFORM

*Te Rāngai Rangahau Āhuarangi*

# 22B

## RSM & EWRP meetings

**Time:** 3-4 PM  
**Venue:** Microsoft Teams  
**Chair(s):** Belinda Storey, EWRP (Climate Sigma)  
**Minutes:** Nienke, EWRP

## Agenda:

#	Agenda items	Lead	Agency	Time
1	<b>Welcome, karakia</b> Kia ora mai tātou katoa Nau mai haere mai ki tēnei hui Ngā mihi mahana ki a koutou kātoa	Chair		
2.	<b>Introduction (if needed)</b>			
3.	<b>Review actions from last week</b>	Chair	All agencies	
4.	<b>Presentation – Belinda Storey. Topic: Insurance, recent media coverage IAG</b>	Chair	All agencies	
5.	<b>Other updates councils</b> <ul style="list-style-type: none"><li>• Any other updates on projects occurring in this space?</li><li>• MfE: GIS Layer 'Landslip Density from Cyclone Gabrielle' available on MfE data service.</li></ul>	Chair		
6.	<b>Topic next RSM Hui</b> Landslides OR Multi Hazards tool	Chair		
6.	<b>Closing karakia</b> Kua mutu ta tātou hui Tēnā koutou kātoa Ka kite anō a te wā <i>Our meeting has finished</i> <i>Greetings to you all</i> <i>Will see you again soon</i>	Chair		

Meeting Chair	Action	Responsible	Status
Belinda	Belinda to determine if there is a place for regional councils and other agencies to share the work they are doing alongside the MBIE funded NI EWE projects.	BS	Sept 13 – no update.  Sept 27 – in progress as there is still a need to determine the types of platforms currently used and potential costs involved.
Belinda	Belinda to continue leading the conversation around managed retreat findings in the next meeting.	BS	Oct 18 – action for next meeting.
Belinda	Belinda to lead a discussion around implications of IAG announcement.	BS	Oct 18 – action for next meeting.
Chris	Chris to connect Luke with others who are working on meeting NPSIB requirements.	CD	
Chris	Chris to reach out to Luke Harrington regarding the drought workshop.	CD	
Chris	Chris to follow up with Belinda and Nienke about just continuing Belinda's meetings.	CD	
Chris	Cait and Nienke to send out invites to other regional councils to Belinda's meetings (not just those directly impacted by Cyclone Gabrielle).	CL, NK	
Chris	Chris to arrange a Science Managers meeting before Christmas.	CD	

**From:** IMS Support  
**Sent:** Monday, 30 October 2023 1:41 pm  
**To:** Nienke Kloppenburg  
**Subject:** FW: You have been invited to join Pītau CRM:0137213



**MINISTRY OF BUSINESS,  
INNOVATION & EMPLOYMENT**  
HĪKINA WHAKATUTUKI

PĪTAU – INVESTMENT MANAGEMENT

Kia ora / Dear Nienke,

Pītau is MBIE's Investment Management System -- a secure online portal. Use the instructions below to gain access to Pītau.

### Accessing Pītau is a 2-step process

#### Step 1: using your activation code

Click on the link below to validate your activation code. Your activation code will expire in 72 hours and can only be used once.

<https://pitau.mbie.govt.nz/register/?invitation=fDVaUK1hGTac4QRruozrR0246uKAgel8dh4cmYGHdeazmJPMhNbO4W40MzRsMhO7vaXTv0fdVMaUO4-Zlyieh4qNN8zIE66YNTuwyPaOib9VD8xV0jfNrb8-bssrikJrrs-Q5BOYGIInOsE3I5tyz3ZQwgSLSHh0M3-SjWSrHSP8->

If your activation code doesn't appear automatically in the window, you can copy and paste it from here.

Activation code:

fDVaUK1hGTac4QRruozrR0246uKAgel8dh4cmYGHdeazmJPMhNbO4W40MzRsMhO7vaXTv0fdVMaUO4-Zlyieh4qNN8zIE66YNTuwyPaOib9VD8xV0jfNrb8-bssrikJrrs-Q5BOYGIInOsE3I5tyz3ZQwgSLSHh0M3-SjWSrHSP8-

#### Step 2: logging in with RealMe

After validating your activation code, you will be invited to log in with RealMe.

After validating your activation code, you will need to login with RealMe. If you do not have a RealMe account, go to [RealMe](#)

#### Contact us

If you have any problems or questions regarding Pītau, please contact us by emailing [imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz) or by calling

Ngā mihi maioha / sincerest regards  
The Pītau team

The Pītau support team  
Investment Operations  
Science System Investment and Performance  
Labour, Science and Enterprise

Ministry of Business, Innovation & Employment  
[imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz) | Telephone: 0800 693 778  
Level 6, 15-21 Stout Street, Wellington

**From:** IMS Support  
**Sent:** Tuesday, 31 October 2023 1:43 pm  
**To:** Belinda Storey  
**Subject:** You have been given a new access in Pītau CRM:0137764



**MINISTRY OF BUSINESS,  
INNOVATION & EMPLOYMENT**  
HĪKINA WHAKATUTUKI

**PĪTAU – INVESTMENT MANAGEMENT SYSTEM**

Kia ora / Dear Belinda,

You have a new role for CLIMATE ACUITY LIMITED

You have been added to CLIMATE ACUITY LIMITED as an Organisation Member.

These changes will be visible from the next time you log into Pītau.

Ngā mihi maioha / Sincerest regards,

The Pītau support team

Ministry of Business, Innovation & Employment

[imssupport@mbie.govt.nz](mailto:imssupport@mbie.govt.nz) | Telephone: 0800 693 778



**From:** NZRIS  
**Sent:** Thursday, 2 November 2023 7:25 am  
**To:** Libby Bentley;NZRIS  
**Subject:** RE:

Kia ora Libby,

Thank you for your email. We will investigate and make the changes.

Noho ora mai  
Nā NZRIS

---

**From:** Libby Bentley <OIA 9(2)(a)@climatesigma.com>  
**Sent:** Wednesday, 1 November 2023 2:02 PM  
**To:** NZRIS <NZRIS@mbie.govt.nz>  
**Subject:**

Hello,

I am emailing you today about your extreme weather database. The 'funding' tab of the database is missing the Whakahura - Extreme Events and the Emergence of Climate Change programme. The funding ID is RTVU1906 and it was funded by the 2019 Endeavour Fund - Research Programmes. I have spotted today that for the programme's many critical steps, the ID was mistakenly given as RTVU1960 but have submitted the appropriate corrections.

Thanks.

**Libby Bentley**

*Technical Assistant*

*Whakahura – Extreme Events and the Emergence of Climate Change*

OIA 9(2)(a)@climatesigma.com

**From:** Chris Dangerfield  
**Sent:** Friday, 3 November 2023 12:14 pm  
**To:** Libby Bentley  
**Subject:** RE: Updating IDs on the Extreme Weather Research Database [UNCLASSIFIED]

Okay great. Thanks Libby – we will get that processed in the latest release. Just to note, it might take around a week to finalise the update and get it published.

Chris

---

**From:** Libby Bentley [OIA 9\(2\)\(a\)@climatesigma.com](mailto:OIA 9(2)(a)@climatesigma.com)  
**Sent:** Thursday, 2 November 2023 1:40 pm  
**To:** Chris Dangerfield <[Chris.Dangerfield@mbie.govt.nz](mailto:Chris.Dangerfield@mbie.govt.nz)>  
**Subject:** Re: Updating IDs on the Extreme Weather Research Database [UNCLASSIFIED]

Yes please!

*Libby Bentley*

*Technical Assistant*

*Whakahura – Extreme Events and the Emergence of Climate Change*

[OIA 9\(2\)\(a\)@climatesigma.com](mailto:OIA 9(2)(a)@climatesigma.com)

---

**From:** Chris Dangerfield <[Chris.Dangerfield@mbie.govt.nz](mailto:Chris.Dangerfield@mbie.govt.nz)>  
**Sent:** 02 November 2023 13:39  
**To:** Libby Bentley [OIA 9\(2\)\(a\)@climatesigma.com](mailto:OIA 9(2)(a)@climatesigma.com)  
**Cc:** Ryan McFarlane <[Ryan.McFarlane@mbie.govt.nz](mailto:Ryan.McFarlane@mbie.govt.nz)>; Angela Hannah <[Angela.Hannah@mbie.govt.nz](mailto:Angela.Hannah@mbie.govt.nz)>  
**Subject:** RE: Updating IDs on the Extreme Weather Research Database [UNCLASSIFIED]

Kia ora ano Libby,

Going through this now – and I see that 15 of the critical steps have changed from RTVU1960 to RTVU1906 – but based on our processes there look to be six that are still showing as being associated with RTVU1960, would you like us to change these too?

Here is the list for reference:

- Whakahura - Critical Step 1.4.2
- Whakahura - Critical Step 1.4.3
- Whakahura - Critical Step 1.4.4
- Whakahura - Critical Step 1.4.5
- Whakahura - Critical Step 1.4.6
- Whakahura - Critical Step 1.4.8

Ngā mihi nui,  
Chris

---

**From:** Chris Dangerfield  
**Sent:** Thursday, 2 November 2023 10:32 am  
**To:** 'Libby.Bentley@climatesigma.com' <sup>OIA 9(2)(a)</sup> [@climatesigma.com](mailto:Libby.Bentley@climatesigma.com)>  
**Cc:** Ryan McFarlane <[Ryan.McFarlane@mbie.govt.nz](mailto:Ryan.McFarlane@mbie.govt.nz)>; Angela Hannah <[Angela.Hannah@mbie.govt.nz](mailto:Angela.Hannah@mbie.govt.nz)>  
**Subject:** Updating IDs on the Extreme Weather Research Database [UNCLASSIFIED]

Kia ora Libby,

Thanks for getting in touch, and for submitting the updates. I think that'll all flow through into our most recent update which we are processing now. Do get in touch if you need anything further.

Ngā,  
Chris

**Chris Dangerfield**

SENIOR DATA AND RESEARCH ANALYST

Science and Innovation Evidence and Insights  
Digital, Data, and Insights  
Ministry of Business, Innovation & Employment

[chris.dangerfield@mbie.govt.nz](mailto:chris.dangerfield@mbie.govt.nz) | Telephone: +64 (0) 4 901-3948

15-21 Stout Street, Wellington, 6011

---

**From:** Libby Bentley <sup>OIA 9(2)(a)</sup> [@climatesigma.com](mailto:Libby.Bentley@climatesigma.com)>  
**Sent:** Wednesday, 1 November 2023 2:02 PM  
**To:** NZRIS <[NZRIS@mbie.govt.nz](mailto:NZRIS@mbie.govt.nz)>  
**Subject:**

Hello,

I am emailing you today about your extreme weather database. The 'funding' tab of the database is missing the Whakahura - Extreme Events and the Emergence of Climate Change programme. The funding ID is RTVU1906 and it was funded by the 2019 Endeavour Fund - Research Programmes. I have spotted today that for the programme's many critical steps, the ID was mistakenly given as RTVU1960 but have submitted the appropriate corrections.

Thanks.

**Libby Bentley**

*Technical Assistant*

*Whakahura – Extreme Events and the Emergence of Climate Change*

<sup>OIA 9(2)(a)</sup> [@climatesigma.com](mailto:Libby.Bentley@climatesigma.com)

**From:** Nienke Kloppenburg OIA 9(2)(a) @climatesigma.com>  
**Sent:** Monday, 20 November 2023 2:43 pm  
**To:** Paul.Murphy@gdc.govt.nz;richard.smith@gns.cri.nz;Linda Moore;JasonDo@nrc.govt.nz;jonathan.benge@aucklandcouncil.govt.nz;Anna@hbrc.govt.nz;Thomas.Wilson@nema.govt.nz;Murry.Cave@gdc.govt.nz;Elizabeth.Daly@horizons.govt.nz;lain.maxwell@hbrc.govt.nz;kataraina.o'brien@boprc.govt.nz;Belinda Storey;emmah@nrc.govt.nz;Chris.Daughney@teurukahika.govt.nz;sally.mcintosh@gdc.govt.nz;maree.patterson@horizons.govt.nz;gina.mohi@boprc.govt.nz;Jocelyne.Allen@gdc.govt.nz;Mike.Scarsbrook@waikatoregion.govt.nz;Ed.Brown@waikatoregion.govt.nz;ruth.buckingham@waikatoregion.govt.nz;megan.oliver@gw.govt.nz;David.hipkins@gw.govt.nz;Fiona.Shanhun@ecan.govt.nz;tim.davie@ecan.govt.nz;Davina.McNickel@ecan.govt.nz;Fiona.thomson@wrc.govt.nz;rob.donald@boprc.govt.nz;Rob.Smith@tasman.govt.nz;helen.gerrard@trc.govt.nz;thomas.mcelroy@trc.govt.nz;Craig.Pickford@trc.govt.nz;Victoria.mckay@trc.govt.nz;Luke.Fullard@horizons.govt.nz;Alan.Johnson@marlborough.govt.nz;Alison.reid@aucklandcouncil.govt.nz;Kolt Johnson;sietse.bouma@aucklandcouncil.govt.nz;megan.carbines@aucklandcouncil.govt.nz;coral.grant@aucklandcouncil.govt.nz;Sarah.lomas@aucklandcouncil.govt.nz;Jacqueline.Lawrence-  
Sansbury@aucklandcouncil.govt.nz;Stefan.beaumont@ncc.govt.nz;karen.wilson@es.govt.nz;john.prince@es.govt.nz;tom.dyer@orc.govt.nz;clive.appleton@ncc.govt.nz;David.measures@ncc.govt.nz;j.hayes@gns.cri.nz OIA 9(2)(a) Roger Fairclough  
**Subject:** Re: RSM Hui - extreme weather research  
**Attachments:** 23 November 2023\_Agenda - RSM Monthly Hui[1].docx; 25 october 23\_Minutes - RSM Meeting.docx

Kia ora,

Please find attached the minutes from last meeting (25 October 2023) and the agenda for next meeting (23 November 2023).

Ngā manaakitanga

**Nienke Kloppenburg**

*Project Manager & Coordination support  
Whakahura – Extreme Events and the Emergence of Climate Change  
MBIE – Extreme Weather Research Platform (EWRP) projects*

<https://resiliencechallenge.nz/extreme-weather-research-platform/>

Mobile OIA 9(2)(a)  
OIA 9(2)(a) @climatesigma.com

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**From:** OIA 9(2)(a) @climatesigma.com  
**When:** 3:00 PM - 4:00 PM 23 November 2023  
**Subject:** RSM Hui - extreme weather research  
**Location:** Microsoft Teams Meeting

Kia ora,

I hope you are doing well. We are emailing you to invite you to our next regional science managers hui (RSM Hui), topic: [RiskScope](#).

\*We had to move this month's meeting to Thursday due to a clash. Apologies for the inconvenience, I hope most of you can still make it.

### Context Regional Science Managers hui

Once a month, we hold a Regional Science Managers Hui where we come together with the science managers of the North-Island Extreme Weather Event (NI EWE) affected regions. This was set up after Cyclone Gabrielle to share information around response and recovery, and to engage. It is now extend the invite to all regional science managers and used as an opportunity for the researchers within the [EWRP/MBIE NI EWE funded projects](#) to share/present/discuss some of their work and/or initial outputs.

The Hui is an informal gathering with usually one or two research related presentations, followed by Q&A. Generally, we have between 4-10 people attending and the hui is optional to attend depending on your interest in the topic and availability.

Ngā manaakitanga

### Nienke Kloppenburg

*Project Manager & Coordination support*

*Whakahura – Extreme Events and the Emergence of Climate Change*

*MBIE – Extreme Weather Research Platform (EWRP) projects*

<https://resiliencechallenge.nz/extreme-weather-research-platform/>

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## Microsoft Teams meeting

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# EXTREME WEATHER RESEARCH PLATFORM

*Te Rāngai Rangahau Āhuarangi*

# 27B

## RSM & EWRP meetings

**Time:** 3-4 PM, 23 November 2023  
**Venue:** Microsoft Teams  
**Chair(s):** Belinda Storey, EWRP (Climate Sigma)  
**Minutes:** Nienke, EWRP

## Agenda:

#	Agenda items	Lead	Agency	Time
1	<b>Welcome, karakia</b> Kia ora mai tātou katoa Nau mai haere mai ki tēnei hui Ngā mihi mahana ki a koutou kātoa	Chair		
2.	<b>Introduction (if needed)</b>			
3.	<b>Review actions from last week</b>	Chair	All agencies	
4.	<b><i>Presentation - Topic: Enhanced natural hazard risk assessment for Cyclone Gabrielle recovery (RiskScape)</i></b>	<b><i>Josh Hayes and Russel Garlick</i></b>	All agencies	
5.	<b>Other updates councils</b> <ul style="list-style-type: none"><li>• <i>Any other updates on projects occurring in this space?</i></li></ul>	Chair		
6.	<b>Topic next RSM Hui</b> [TBD]	Chair		
6.	<b>Closing karakia</b> Kua mutu ta tātou hui Tēnā koutou kātoa Ka kite anō a te wā <i>Our meeting has finished</i> <i>Greetings to you all</i> <i>Will see you again soon</i>	Chair		

Meeting Chair	Action	Responsible	Status
Belinda	Belinda to determine if there is a place for regional councils and other agencies to share the work they are doing alongside the MBIE funded NI EWE projects.	BS	Sept 13 – no update.  Sept 27 – in progress as there is still a need to determine the types of platforms currently used and potential costs involved.  25 Oct. - Ongoing process
Chris	Chris to connect Luke with others who are working on meeting NPSIB requirements.	CD	Oct 25 – Update later
Chris	Chris to reach out to Luke Harrington regarding the drought workshop.	CD	Oct 25 – Update Later



## REGIONAL SCIENCE MANAGERS MEETING Minutes

Date:	25 October 2023 15:00-16:00
Location:	Teams
Chair:	Belinda Storey
Minutes:	Nienke Kloppenburg
Attendees:	Jason Donaghy, Jonathan Benge, Kolt Johnson, Sietse Bouma, Coral Grant, Jacqueline Lawrence, Stefan Beaumont, Clive Appleton, David Measures, Rowan Sprague, Anna Madarasz-Smith

### Introduction

- Belinda Storey supports Richard Smith with the Extreme Weather Research Platform
- Today's topic is insurance as a response to earlier requests
- Quick introduction round

### Review actions from last week

Meeting Chair	Action	Responsible	Status
Belinda	Belinda to determine if there is a place for regional councils and other agencies to share the work they are doing alongside the MBIE funded NI EWE projects.	BS	Sept 13 – no update.  Sept 27 – in progress as there is still a need to determine the types of platforms currently used and potential costs involved.  25 Oct. - Ongoing process
Belinda	Belinda to continue leading the conversation around managed retreat findings in the next meeting.	BS	Oct 18 – action for next meeting.  25 Oct – review at the end of the meeting and decide if we should invite other members of the MRWG.
Belinda	Belinda to lead a discussion around implications of IAG announcement.	BS	Oct 18 – action for next meeting.  25 Oct – Done
Chris	Chris to connect Luke with others who are working on meeting NPSIB requirements.	CD	Oct 25 – Update later
Chris	Chris to reach out to Luke Harrington regarding the drought workshop.	CD	Oct 25 – Update Later



Chris	Chris to follow up with Belinda and Nienke about just continuing Belinda's meetings.	CD	Oct 25 – Done
Chris	Cait and Nienke to send out invites to other regional councils to Belinda's meetings (not just those directly impacted by Cyclone Gabrielle).	CL, NK	Oct 25 – Done
Chris	Chris to arrange a Science Managers meeting before Christmas.	CD	Oct 25 – Done: 09 November 2023

### **Presentation – Belinda Storey. Topic: Insurance, recent media coverage IAG**

#### Presentation and Q&A Session

- What does the IAG update on retreat mean?
  - o IAG has clarified that they will insure existing customers for now.
  - o They gave a signal that they might not insure new customers who buy cat 2 houses.
- Belinda encourages councils to ask for clarification. However, it is likely that private insurers will give limited information on what this means/what the impact will be.
- How does insurance work? Refresher
  - o Climate change is shifting the hazard probability
  - o Insurance insures rare events. As the hazards shift and become more probable insurance is likely to move with this shift in the distribution.
  - o Insurance premium is calculated based on annual expected losses (Annual Exceedance Probability X damage function X asset value = Annual Expected losses)
  - o Your premium is based, primarily, on the Annual Expected losses for each hazard. When premiums go up it is connected to this formula because the hazard probability is increasing.
- What data do the insurers use for their modelling?
  - o They are likely absorb all data available. House by house data can be expensive to gather so up until now insurers have made assumptions.
  - o Major Endeavour that has been funded and is three years in (out of their five years of funding). They are doing flood mapping (<https://niwa.co.nz/natural-hazards/research-projects/mā-te-haumarū-ō-te-wai-increasing-flood-resilience-across-aotearoa>)
  - o NIWA data
  - o RMS Data (has some limitations)
  - o Limited data in NZ on flood modelling
- Is there a standard for flood modelling?
  - o No
  - o If the private insurer reinsures its flood risk, the reinsurer will require more information on the risk
  - o After major events if there is enough of a shock they (private insurers) might reassess risk
- There is quite a lot of flood modelling but it is very regional specific. Some really good information has come out of this (Top Net). But is there potentially a conflict between national flood mapping and the detailed regional mapping?
  - o Partly what the 5 year flood Endeavour is doing, setting a standard national wide.
  - o It might not be as detailed as regional modelling but it would be available for all councils and central government policy makers.
  - o National lower resolution models trade-off vs more detailed local council data
  - o Fine for pricing as long as the insurer doesn't decide on no insurance, that needs to be a decision of the council. Or at least a joint decision with councils and insurers
  - o Concerns from councils that private insurers can make a decision on land purpose without involving the council.

- Insurers have no obligation and there is no mechanism in place that prompts insurers to work together with the councils.
- How is flood risk or other climate risks different from earthquake risk?
  - Earthquakes more regional less house specific
  - Whereas with flooding, if you are on the bottom of the bowl you are most likely to get flooding
  - With seismic risks, we are learning more but the risk is not changing (much)
  - Climate risks are changing and in some cases the risks are changing fast.
- How about public insurance?
  - Belinda presented a table with calculations of annual expected losses with a change in return period. It shows that the size of subsidy with a public insurer would to be quite sizable and expensive, especially when there is limited ability of councils to prevent building and living in hazardous locations.
  - Can these numbers be more publicly available? It would be good for councils to have these numbers when discussing development with developers.
  - Equity issue as well.

### **Other updates councils**

- *Any other updates on projects occurring in this space?*
  - *No other urgent updates*
- MfE: GIS Layer 'Landslip Density from Cyclone Gabrielle' available on MfE data service.
  - <https://environment.govt.nz/news/report-provides-useful-data-about-east-coast-landslides/>
  - <https://data.mfe.govt.nz/layer/114540-landslip-density-from-cyclone-gabrielle-2023/>
  - If you have any questions about this please let Nienke know.

### **Topic next RSM Hui**

Landslides OR Multi Hazards tool

**Subject:** RSM Hui - extreme weather research  
**Location:** Microsoft Teams Meeting

**Start:** Thu 23/11/2023 3:00 pm  
**End:** Thu 23/11/2023 4:00 pm  
**Show Time As:** Tentative

**Recurrence:** (none)

**Organizer:** Nienke Kloppenburg

Kia ora,

I hope you are doing well. We are emailing you to invite you to our next regional science managers hui (RSM Hui), topic: [RiskScape](#).

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### Nienke Kloppenburg

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