

Application Form

Natural Hazards Research Platform
Contestable Funding 2017

“New Zealand’s Natural Hazards”

Date: 9 June 2017

DOCUMENTS

- Request for Proposals
- Investment Guidelines and Processes
- Application Form
- Additional Guidance

Available at: www.naturalhazards.org.nz/NHRP/Funding

INSTRUCTIONS

- **Deadline: 31 July 2017, 12 noon. Submit proposals by e-mail: NHRP@gns.cri.nz**
- Use this application template only. Late proposals will not be accepted.
- Proposals should be submitted by an organisation's research office and/or designated research manager. A signed formal declaration is required (see page 3).
- Submit proposal as a **single PDF file*** containing all required sections.
- File naming convention: NHRP_Surname_Org (example: NHRP_Smith_UOC)
Please use no more than the first 5 letters of the surname, and consistent 3 letter abbrev for the lead organisation (see below).

Below is a partial list of 3 letter organisational codes. If your organisation is not shown, please create your own appropriate abbreviation for purposes of file naming.

AGR	AgResearch
AUT	Auckland University of Technology
ESR	The Institute of Environmental Science and Research
GNS	GNS Science
LAN	Landcare Research
LIN	Lincoln University
MAU	Massey University
MKE	Market Economics
MOT	Motu Economic & Public Policy Research
NIW	NIWA
OPS	Opus Research
PLF	Plant & Food Research
ROR	Resilient Organisations
SCI	Scion
UOA	University of Auckland
UOC	University of Canterbury
UOO	University of Otago
UOW	University of Waikato
VUW	Victoria University of Wellington
PVT	<i>Private / Independent consultant, consultancy</i>

Your research proposal

Your proposal should be submitted as a single PDF file* containing the required sections:

1. A signed, formal declaration is required. Proposals should be submitted by an organisation's research office and/or designated research manager (see p. 5). 2. Identify your Theme and Topic Area.	Complete the required fields
3. A Research Overview that details: <ul style="list-style-type: none"> • A research summary including Impact Statement(s) & Research Aims – approx. 1 page • Outcome benefits to New Zealand – approx. 1 page • Implementation Pathway. Project Map may be included – approx. 1-2 pages w/ map • Benefits to New Zealand of RS&T or related activities – approx. 1 page • Ability of the team to deliver results (outputs) from RS&T or related activities – approx. 1 page • References – approx. 1 page 4. Vision Mātauranga: <ul style="list-style-type: none"> • Where applicable, incorporate Vision Mātauranga within the research overview – approx. 1-2 pages • If Vision Mātauranga is <u>not</u> applicable to the research, please provide a brief explanation as to why (complete the required field in the application). 	This section not to exceed 10 pages in total
5. Research Summary Table. 6. Impact Statement & Research Aim Descriptions	This section not to exceed 6 pages in total
7. Provide a brief list of any relevant past/current research contracts 8. Budget. All dollar amounts should be GST exclusive. 9. List the Project Team members and FTEs 10. Subcontracting 11. Additional support, if any 12. List primary end-users	Complete the required fields
13. Provide CVs for Project Leader and up to two key personnel. (Up to 3CVs at 3 pages max per CV).	This section not to exceed 9 pages

* The NHRP will not accept separate files for a single proposal. The proposal should be submitted as a single PDF file containing the required sections. Graphics, maps or figures should be embedded in the relevant sections of the proposal. Please limit file size to keep it to an email-able size (10 MB or less).

APPLICATION FORM

Title of Proposal:	<type here>
Project Leader:	
Lead Contracting Organisation:	
Contact person:	
Contact E-mail:	
Contact Telephone:	
Total Funding (GST ex):	
Key End-Users:	

1. Formal Declaration

You agree that, by submitting the application to the Natural Hazards Research Platform (administered by GNS Science), you declare and acknowledge the following:

- I am authorised to submit the application on behalf of the applicant;
- The applicant organisation is a legal entity capable of entering into a contract with the Natural Hazards Research Platform administered by GNS Science;
- The information in the application is correct;
- Except for any co-funding arrangements described in the application, the work proposed in the application is not currently funded by another party, and has not received approval for funding from any other party;
- All parties mentioned in the application who are not employed by the applicant organisation have confirmed that the nature and level of their involvement in the work described in the application is correct;
- In completing the application, the applicant has taken into account the requirements of any relevant laws, such as the Hazardous Substances and New Organisms Act 1996, and any consents, approvals, licenses, and permits that may be required to carry out the work described in the application; and
- Information received and generated by MBIE or GNS Science in relation to this application may be released by MBIE or GNS Science to meet their external reporting requirements, or if required by law, in accordance with the requirements of the Official Information Act 1992 or the Privacy Act 1993.

<i>To be completed by a Research Manager for an organisation's Research Office.</i>	
Name	<type here>
Signature:	<sign here>
Organisation:	
Date:	

2. Please list the MAIN theme and topic of your proposal, followed by a secondary theme/topic, if applicable.

Theme Number:		Targeted Topic Number:
1st	<type>	<type here>
2nd	<type>	<type here>
Choose theme and topic from the categories shown below.		
Theme	Targeted Topics – New Zealand Natural Hazards	
1. Geological	1.1 Improved understanding of geological processes that inform future hazards	
	1.2 Fundamental research into the frequency and magnitude of geological hazard events	
	1.3 Multi-hazard studies including modelling secondary perils and cumulative hazards	
2. Weather	2.1 Improved understanding of the processes that drive weather-related hazards	
	2.2 Enhanced quantification of weather-related hazard events on coasts and floodplains	
	2.3 Assessing the impacts of hazard events arising from climate change	
3. Risk	3.1 Natural hazard risk and impact models for New Zealand towns, cities and industry sectors	
	3.2 Improved understanding of interdependencies, cascading hazards / failure scenarios and their impacts	
4. Societal	4.1 Addressing challenges faced by vulnerable populations across the 4 R's: reduction, readiness, response and recovery.	
	4.2 Understanding the benefits and costs of disaster risk management options, considering reduction, readiness, response and recovery activities	
	4.3 Better design and use of existing systems, emergent technologies and public education to minimise the impact of hazard events	
	4.4 Economics of disaster risk management	
5. Engineering	5.1 Research that builds on performance of buildings in past earthquakes including determining effective methods of assessing residual building capacity after severe loading and establishing the need for replacement rather than repair	
	5.2 Improved understanding of vulnerability and fragility in the built environment, particularly for natural hazards other than earthquakes	
	5.3 New technologies and systems for in-situ monitoring of building and infrastructure performance and how to make use of such data	
	5.4 Assessment of damage and losses including seismic vulnerability of secondary (non-structural) elements in buildings and how to reduce these.	
For projects in the range of \$100,000-\$500,000 GST ex (in total)		

3. Research Overview.

- A research summary including Impact Statement(s) and Research Aims (1 page);
- Outcome benefits of this research to New Zealand (1 page);
- Implementation Pathway. Project map may be included (1-2 page);
- Benefits to New Zealand of RS&T or related activities (1 page);
- Ability of the team to deliver results (outputs) of RS&T or related activities (1 page);
- References (1 page).

< Begin typing Research Overview text here – font size 11>

4. Does your project contribute to Vision Mātauranga? Answer **Yes** or **No** by inserting a mark next to the appropriate answer.

Yes	
No	

If relevant to the research, applicants should incorporate Vision Mātauranga within the sections of the Research Overview (see Additional Guidance document).

If Vision Mātauranga is not applicable, please provide a brief explanation as to why.

<type here>

5. Research Summary Table (See next page)

- The purpose of the following Table is to gain an overall picture of the proposed research, ideally captured on 1-2 pages.
- Complete this table using BRIEF words only - the opportunity for detailed description follows later.
- Funding breakdown is by Impact Statement. The Reference Panel may recommend funding a project at a different value than requested.

5. Research Summary Table – A brief snapshot of your proposed research.					
<i>Big statement about what the proposal aims to achieve</i>	<i>Steps taken to address the Impact Statement</i>	<i>What is the deliverable? (i.e., Dataset, model, map)</i>	<i>By when?</i>	<i>Funding Year 1 (GST ex)</i>	<i>Funding Year 2 (GST ex)</i>
Title of Impact Statement 1 <insert>				Funding <insert>	Funding <insert>
	1.1				
	Title of Research Aim <insert>				
	What is your Achievement Measure? <insert>	Deliverable <insert>	Completion Date <insert>		
	1.2				
	Title of Research Aim				
	What is your Achievement Measure?	Deliverable	Completion Date		
	<i>Insert additional fields as needed - 1.3, 1.4, etc</i>				
Title of Impact Statement 2 (if applicable)				Funding	Funding
	2.1				
	Title of Research Aim				
	What is your Achievement Measure ?	Deliverable	Completion Date		
	2.2				
	Title of Research Aim				
	What is your Achievement Measure ?	Deliverable	Completion Date		
	<i>Insert additional fields as needed - 2.3, 2.4, etc</i>				
<i>Etcetera ...</i>					
Total Funding requested (GST ex)					
<i>Insert additional fields as needed; Font size no smaller than 9.</i>					

6. Impact Statement & Research Aim Descriptions.

Prior to completing this section, please familiarise yourself with the associated summary table (Item 5). Use the information provided here to complete the summary table.

The achievement measure and deliverable may be very similar. The achievement measure may be more descriptive and should provide evidence of the quality of delivery (i.e., peer-review or expert endorsement); the deliverable may refer to a specific item. The purpose here is to be clear about the outputs the NHRP should expect and by when.

1	1st Impact Statement (IS) Title: 40 words or less	
	IS Description: 150 words or less	
	Year 1 Funding for this Impact Statement (GST ex):	
	Year 2 Funding for this Impact Statement (GST ex):	
	Start Date:	
	End Date:	
	1.1	Research Aim: 20 words or less
		What is the achievement measure? 20 words or less
		What is/are the deliverable(s)?
		By when? Provide date when the deliverable will be completed or made available to the end-user and/or NHRP.
	1.2	Research Aim, if applicable
		What is the achievement measure?
		What is/are the deliverable(s)?
		By when?
	1.3, 1.4, etc.	<i>Insert additional Research Aims as needed.</i>
2	2nd Impact Statement Title, if applicable. 40 words or less	
	IS Description: 150 words or less	
	Year 1 Funding for this Impact Statement (GST ex):	
	Year 2 Funding for this Impact Statement (GST ex):	
	Start Date:	
	End Date:	
	2.1	Research Aim – 20 words or less
		What is the achievement measure? 20 words or less
		What is/are the deliverable(s)?
		By when?
	2.2	Research Aim
		What is the achievement measure?
		What is/are the deliverable(s)?
		By when?
	2.3, 2.4, etc	<i>Insert additional Research Aims as needed.</i>

7. Any relevant past or current research contracts. List no more than three.

Project Leader	Funder	Contract ID	Contract End Date	Comment on Outcomes Achieved

8. Budget. All dollar figures should be GST exclusive.

Budget Item	Funding Year 1	Funding Year 2
Personnel		
General Operating Expenses (Include capital purchases up to \$5,000)		
Building Depreciation / Rental		
Equipment Depreciation / Rental		
Overheads		
Sub-contracting		
Other Expenditure *		
Total Funding Requested (GST ex)		
Total Funding Requested Overall (GST ex):		
*Explanation of 'other'		

9. Project team. List all project team members (Project leader, Key personnel, technicians, students, etc), and their FTE commitment for the project overall. Insert additional cells as needed.

Name	Role	Organisation	IS no.	RA no.	FTE overall
<i>IS, impact Statement; RA, Research Aim</i>					

10. Subcontracting. Provide information about subcontractors. Funding is GST exclusive.

Name	Organisation	FTE overall	Funding Year 1	Funding Year 2

11. Additional support. Provide details of any additional support the project will receive.

Organisation	Type of support (Direct cash, in-kind, etc.)	Funding in total (GST ex)

12. Primary end-users. What organisations are likely to use the research and benefit directly from it. A letter of support may be attached (Optional).

Name	Organisation

13. CVs. Attach CVs for Project Leader and up to 2 Key Personnel. Three-page maximum per CV. The CV template is attached at the end of this form.

New Zealand RS&T Curriculum Vitae Template

Instructions in italics should be deleted before you submit your CV.

1a. Personal details				
Full name	<i>Title</i>	<i>First name</i>	<i>Second name(s)</i>	<i>Family name</i>
Present position				
Organisation/Employer				
Contact Address				
			Post code	
Work telephone			Mobile	
Email				
Personal website (if applicable)	http://			

1b. Academic qualifications

Delete and start typing here. List in reverse date order. Start each qualification on a new line as per the example:

e.g. Year conferred, qualification, discipline, university/institute.

1c. Professional positions held
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Delete and start typing here. List in reverse date order. Start each position on a new line as per the example:

e.g. Year-year, job title, organisation.

1d. Present research/professional speciality

Delete and start typing here.

1e. Total years research experience		years
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1f. Professional distinctions and memberships (including honours, prizes, scholarships, boards or governance roles, etc)

Delete and start typing here. List in reverse date order. Start each professional distinction on a new line as per the example:

e.g. Year / year-year, distinction.

1g. Total number of <i>peer reviewed</i> publications and patents	Journal articles	Books, book chapters, books edited	Conference proceedings	Patents

2a. Research publications and dissemination
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*Expand/reduce the following table as needed, listing publications relevant to your proposal. List in reverse date order. **Bold** your name in lists of authors.*

Peer-reviewed journal articles
Peer reviewed books, book chapters, books edited

Refereed conference proceedings
Patents
Other forms of dissemination (reports for clients, technical reports, popular press, etc)

2b. Previous research work

Repeat and expand box below as necessary.

Research title:

Principal outcome:

Principal end-user and contact:

2c. Describe the commercial, social or environmental impact of your previous research work

Please delete and begin typing here.

2d. Demonstration of relationships with end-users

Please delete and begin typing here.