

AUSTRALIAN RESEARCH COUNCIL
**ARC/NWC CO-FUNDED CENTRE FOR GROUNDWATER
RESEARCH AND TRAINING**



APPLICATION FORM

Proposals must comply with the requirements of the *Special Research Initiatives Funding Rules for funding commencing in 2008-2009 or 2009-2010* (SRI Funding Rules), the *Call for Proposals for an ARC/NWC Co-Funded Centre for Groundwater Research and Training* (Call for Proposals) and any content, font and page limit requirements specified in this form.

Project ID: (ARC use only)

Total number of sheets contained in this Proposal	
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Information on this form and its attachments is collected in order to make recommendations to the Minister on the allocation of financial assistance under the Australian Research Council Act 2001 and for post award reporting. The information collected may be passed to third parties for assessment purposes. It may also be passed to the National Health and Medical Research Council, the Department of Agriculture, Fisheries and Forestry, the Department of Climate Change, the Department of Education, Employment and Workplace Relations, the Department of the Environment, Water, Heritage and the Arts, the Department of Foreign Affairs and Trade, the Department of Innovation, Industry, Science and Research and the Department of Veterans' Affairs for the purpose of checking eligibility. In other instances, information contained in this Proposal can be disclosed without your consent where authorised or required by law.

PART A—ADMINISTRATIVE SUMMARY

A1 ORGANISATION TO ADMINISTER FUNDING

(See Appendix 1 of the Call for Proposals for a list of Eligible Organisations)

Name

A2 PROPOSAL TITLE

Enter the proposed name of the Centre.
(The ARC will determine the name for the Centre on the advice of the Administering Organisation)

ARC/NWC Co-Funded Centre for Groundwater Research and Training
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A3 PARTICIPANT SUMMARY

A3.1 Participant Details – Current Organisations

(See Section 4.3 of the Call for Proposals for investigator types, roles and eligibility requirements)

Enter the details of the Project Leader at Person 1. This person is the Interim Director (ID). All other persons will be either Chief Investigators (CI) or Partner Investigators (PI).

Person Number	Family Name	Initials	Current Organisation	Role ID/CI/PI
1				ID
2				
3				
4				
5				
6				
7				
8	<i>Add rows as necessary</i>			

A3.2 Collaborating and Partner Organisations (not including the Administering Organisation at Part A1 above)

List all Collaborating and Partner Organisations (this includes organisations who will be contributors to the Centre, which are not the Administering Organisation). Organisations to which the CIs and PIs belong should be included as they are required to make a contribution to the proposed Centre. Other Collaborating and Partner Organisations which are not contributing personnel to the Centre may be included here.

Org. Number	Collaborating or Partner Organisation Name
1	
2	
3	
4	
5	
6	
7	
8	<i>Add rows as necessary.</i>

A4 REQUESTED SUPPORT

A4.1 Years for which support is being sought

Year 1 Year 2 Year 3 Year 4 Year 5

A5 SUMMARY DESCRIPTIONS

A5.1 Summary of Proposal

(See Section 1.4 of the Call for Proposals for the Objectives of the Centre)

In no more than 750 characters (approx. 100 words) of plain language, summarise aims, significance and expected outcomes.

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A5.2 Summary of National/Community Benefit (For Public Release)

In no more than 750 characters (approx. 100 words) of plain language, summarise the national/community benefits that are expected to arise from this research.

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A6 CLASSIFICATIONS AND OTHER STATISTICAL INFORMATION

A6.1 National Research Priorities

If relevant, enter one or more Priority Goals for the appropriate National Research Priorities. (Please refer to Appendix 4 of the Special Research Initiatives Funding Rules for funding commencing in 2008-2009 or 2009-2010 for information about National Research Priorities and the Priority Goals)

National Research Priority	Priority Goals
Add rows as necessary	

A6.2 Keywords

Enter up to 6 keywords which describe the field into which the Proposal falls.

(Please use Australian spelling)

A6.3 Research classifications

(List from highest to lowest %, to the nearest multiple of 10%)

(See <http://www.arc.gov.au/applicants/codes.htm> for details on RFCD and SEO codes. A maximum of 3 RFCD codes or 3 SEO codes each may be entered)

Research Fields, Courses and Disciplines (RFCD)	%	Socio-Economic Objectives (SEO)	%

A6.4 If the proposed research involves international collaboration, please specify country/ies

A7 ADDITIONAL DETAILS

A7.1 Have you submitted or do you intend to submit a similar Proposal to any other agency?

Yes No

If Yes, please enter the full name of the agency.

A7.2 Does the Administering Organisation have arrangements to manage intellectual property and facilitate commercialisation of research?

Yes No

If Yes, in no more than 750 characters (approx. 100 words) of plain language, summarise these arrangements.

A7.3 Is the viability of this project dependent on receipt of funds from another source? (For example, does the viability of this proposal depend on obtaining equipment that is currently being, or will be, sought through another proposal?)

Yes No

If Yes, in no more than 750 characters (approx. 100 words) of plain language, please provide details.

A8 RESEARCH STUDENTS

The ARC is interested in reporting the number of Research Students that would be involved in this Proposal if it is funded. Please enter the number of full-time equivalent (FTE) student places that will be filled as a result of this project:

Number of Research Student Places (FTE) –

PhD	<input type="text"/>
Masters	<input type="text"/>
Honours	<input type="text"/>

A9 CERTIFICATION

The pages for Part A9 must be printed out and the Administering Organisation must obtain the required handwritten signatures on these pages. The signed pages must then be electronically scanned in PDF format and inserted into the completed electronic Proposal at the appropriate location and submitted as part of the electronic version of the Proposal. Following this the original signed hardcopy pages for Part A9 must be inserted into the appropriate location in the paper version of the completed Proposal and submitted to the ARC.

In addition, the Administering Organisation must obtain the required agreement and handwritten signatures of all parties necessary to allow the proposed research to proceed, prior to the submission of the Proposal. The completed original Certifications and letters of support are to be provided no later than the time of interview (applicants will be provided with notice if they are short listed for interview). The ARC will return the originals to the Administering Organisation and they should be retained for their records. A form is available for this purpose on the ARC Web Site (<http://www.arc.gov.au/ncgp/sri/groundwater.htm>).

A9.1 Proposal Title

Please insert the same title as has been entered at Part A2 of this application form.

ARC/NWC Co-Funded Centre for Groundwater Research and Training
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A9.2 Certification by the Deputy/Pro Vice Chancellor (Research) or their delegate or equivalent in the Administering Organisation

I certify that—

- I have obtained the written agreement of all parties identified in this Proposal to submit this Proposal.
- Proper enquiries have been made and I am satisfied that the Participants listed at Part A3, and the Collaborating and Partner Organisations listed in Part F meet the requirements specified in *Special Research Initiatives Funding Rules for funding commencing in 2008-2009 or 2009-2010* and the *Call for Proposals for an ARC/NWC Co-Funded Centre for Groundwater Training and Research*.
- The Head of Departments have approved this Proposal.
- This organisation will contribute the resources specified in this Proposal if the Proposal is successful.
- This organisation supports this Proposal and if successful will provide the basic facilities and the items listed in the budget for the project.
- I have obtained the written agreement of the other organisation(s), if any, involved in this Proposal to contribute the resources outlined in this Proposal.
- I have obtained the written agreement from the relevant employer(s) for the participation, to the extent indicated in this Proposal, of the participants listed at Part A3.
- I am prepared to have the project carried out in my organisation under the circumstances set out in this Proposal and in accordance with the *Special Research Initiatives Funding Rules for funding commencing in 2008-2009 or 2009-2010* and the *Call for Proposals for an ARC/NWC Co-Funded Centre for Groundwater Research and Training*.
- The amount of time that the researcher(s) will be devoting to the project is appropriate to existing workloads.
- The project can be accommodated within the general facilities in this organisation, and if applicable, within the facilities of other relevant organisations specified in this Proposal, and sufficient working and office space is available for any proposed additional staff.
- All funds for this project will only be spent for the purpose for which they are provided.
- The project will not be permitted to proceed until appropriate ethical clearance(s) have been obtained.
- I will notify the ARC if there are changes to the participant(s) listed at Part A3 after the submission of this Proposal.

- To the best of my knowledge, all conflicts of interest relating to parties involved in or associated with this Proposal have been disclosed to the ARC.
- I will notify the ARC of any conflicts of interest relating to parties involved in or associated with this Proposal which arise after the submission of this Proposal.
- I consent, on behalf of all of the parties, to the ARC copying, modifying and otherwise dealing with information contained in this Proposal for any of the purposes specified in subsection 14.4.2 of the *Special Research Initiatives Funding Rules for funding commencing in 2008-2009 or 2009-2010*.
- I consent, on behalf of all of the parties, to this Proposal being referred to third parties, who will remain anonymous, for assessment purposes.
- To the best of my knowledge, the Privacy Notice appearing at the top of this application form has been drawn to the attention of all the participants whose personal details have been provided at Part B.
- To the best of my knowledge all details provided in this application form and in any supporting documentation are true and complete and no information specifically relating to personnel track or publication records is false or misleading.
- I understand that it is an offence under the *Criminal Code Act 1995* to provide false or misleading information.
- I understand and agree that all statutory requirements must be met before the proposed research can commence.

Signature of DVC/PVC(R) or Delegate or Equivalent Officer (in black ink)	Name (please print)	Title (please print)	Date (dd/mm/yyyy)

Contact Officer for Administering Organisation Name	Email	Address for Correspondence	Telephone

PART B—PERSONNEL

Duplicate Part B for each participant listed at Part A3.1.

B1 PERSON NUMBER

B2 CURRENT DETAILS

GAMS ID	
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Family Name		Role	
First Name		Second Name	
Title			
Current Department/School/Other			
Current Organisation			
Email			

B3 POSTAL ADDRESS

Department/School/Other							
Organisation							
Postal Address Line 1							
Postal Address Line 2							
Locality		State		Postcode		Country	

B4 MEMBERSHIPS/ASSOCIATIONS

B4.1 Are you a current member of the ARC or its selection or other advisory committees? Yes No

B4.2 Are any of your relatives or close social/professional associates members of the ARC or its selection or other advisory committees? Yes No

If Yes, please name the ARC member(s)

B4.3 Will you be associated with a Commonwealth-funded Research Centre as at 1 July 2008? Yes No

If Yes, please provide the full name of the Centre(s), the Start Date that funding commenced, or will commence for the Centre, the Cessation Date when Commonwealth funding ceases for the

Centre, and the Percentage of your earnings received from the Centre (to the nearest whole percent).

(Commonwealth-funded Research Centres include, but are not limited to, ARC Centres of Excellence, ARC Centres, NHMRC Program grants and Cooperative Research Centres)

Full Legal Name of Centre	Start Date (mm/yyyy)	Cessation Date (mm/yyyy)	Percentage of Earnings (no decimals)

B5 HAVE YOU EVER BEEN AWARDED A FELLOWSHIP FROM THE ARC?

Please indicate if you have received any of the following Fellowships from the ARC: ARF/QEII, APF, or FF.

Fellowship Type	Funding Commencement Year	Finish Year

B6 AFFILIATIONS

If you are nominated as a Chief Investigator, will you be receiving earnings in 2008 from an organisation which is outside the higher education sector and which is funded predominantly from State/Territory or Commonwealth Government sources and such funding is provided mainly for research activities?

Yes No

If Yes, describe the nature of your employment, association, and/or financial interest (including specifying the % of earnings).

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B7 QUALIFICATIONS

B7.1 PhD qualification awarded

Discipline/Field			
Organisation			
Country			
Month and Year Awarded (mm/yyyy)		(or) Date Thesis Submitted/ Proposed Submission Date (dd/mm/yyyy)	

B7.2 Other qualifications (including highest qualification if not PhD)

Degree/Award	Year	Discipline/Field	Organisation and Country
<i>Insert rows as necessary</i>			

B8 ACADEMIC, RESEARCH, PROFESSIONAL AND INDUSTRIAL EXPERIENCE**B8.1 Current and previous appointment(s)/position(s) - during the past 10 years**

Position Held	Organisation	Department	Year Appointed and Status
<i>Insert rows as necessary</i>			

B8.2 Organisational affiliations for eligibility purposes for this Proposal

Name of the organisation you will be associated with for the purposes of satisfying the eligibility requirements for your nominated role in undertaking the proposed research (i.e. for CIs this will usually be the Eligible Organisation at which they will be employed or hold an adjunct appointment as at 1 July 2008 and beyond; and for PIs it will generally be their main employer as at 1 July 2008).

Role	Organisation	Type of Affiliation
		<i>i.e. Employee, Adjunct Appointment, Federation Fellow, Other</i>
<i>Insert rows as necessary</i>		

B9 CITIZENSHIP/RESIDENCY DETAILS

Australian Citizen?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Country/ies of Citizenship	
Country of Residence	
Current Australian Residency Status	

B10 TRACK RECORD DETAILS

B10.1 Publication list if relevant (10 most significant from past 5 years; up to 4 additional career-best; the number of books, the number of peer-reviewed research publications over the last 5 years, and un-reviewed research publications over the past 5 years).

B10.2 Any other relevant details not included elsewhere within this Application Form.

Part C—PROJECT COST

Costs should be quoted exclusive of the GST.

C1 BUDGET DETAILS - CASH COMPONENT

(Funding to be administered by the Administering Organisation)

REVENUE	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Requested from ARC/NWC						
<i>Administering Organisation</i> (from Part A1)						
Collaborating Organisations						
<i>Collaborating Organisation 1</i> <i>Name</i> (from Part A3.2)						
<i>Collaborating Organisation 2</i> <i>Name</i> (from Part A3.2)						
<i>Add rows as necessary</i>						
Partner Organisations						
<i>Partner Organisation 1 Name</i> (from Part A3.2)						
<i>Partner Organisation 2 Name</i> (from Part A3.2)						
<i>Add rows as necessary</i>						
TOTAL (a)						
EXPENDITURE						
Personnel						
Teaching Relief						
Equipment						
Maintenance						
Travel						
Other						
TOTAL (b)						
CASH BALANCE (a – b)						

C2 BUDGET DETAILS - IN-KIND CONTRIBUTIONS

A brief justification for the method used for valuation of in-kind contributions must be included at Part E3 Proposed Centre Budget.

<i>Administering Organisation Name (from Part A1)</i>	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Personnel						
Equipment						
Other						
Total						
<i>Collaborating Organisation 1 Name (from Part A3.2)</i>						
Personnel						
Equipment						
Other						
Total						
<i>Collaborating Organisation 2 Name (from Part A3.2)</i>						
Personnel						
Equipment						
Other						
Total						
<i>Repeat for each organisation as necessary</i>						
<i>Partner Organisation 1 Name (from Part A3.2)</i>						
Personnel						
Equipment						
Other						
Total						
<i>Partner Organisation 2 Name (from Part A3.2)</i>						
Personnel						
Equipment						
Other						
Total						
<i>Repeat for each organisation as necessary</i>						

C3 BUDGET DETAILS- INDIRECT COSTS

The ARC wishes to obtain an understanding of the full costs of the research that is supported by its funding assistance. The indirect component of these costs will be estimated using a multiplier on the *pro rata* salaries (plus 28% on-costs) of professional personnel employed by, or formally associated with, the Centre. For the purposes of this calculation, professional staff means Chief Investigators, Partner Investigators and any other researcher(s) employed by, or associated with, the Centre, who are at Level A or above.

Enter the multiplier that the employing institution has developed, or adopt the AVCC multipliers of 1.25 on the direct payroll costs (salary plus on-costs) of laboratory-based research and 0.92 on the direct payroll costs for non-laboratory based research if the employing Organisation does not have a multiplier. An Organisation may opt to leave this field blank, in which case the indirect costs may be reported as in-kind contributions.

Enter Organisational Indirect Cost factors.

Organisation	Indirect Cost Factor
[Place Administering Organisation name in this cell (from Part A1)]	
[Place Collaborating Organisation 1 name in this cell (from Part A3.2)]	
[Place Collaborating Organisation 2 name in this cell (from Part A3.2)]	
<i>Add rows as necessary</i>	
[Place Partner Organisation 1 name in this cell (from Part A3.2)]	
[Place Partner Organisation 2 name in this cell (from Part A3.2)]	
<i>Add rows as necessary</i>	

Enter into the "Personnel" cost below the institutional component of *professional* personnel costs (see definition of professional above) from Part C1 (Expenditure) and from Part C2. Then calculate and insert the relevant Indirect Cost by multiplying the "Personnel" cost by the Indirect Cost factor for each Organisation shown above.

Administering Organisation	Year 1	Year 2	Year 3	Year 4	Year 5
Personnel Component from Part C1					
Total Indirect Costs (= Personnel Component X Indirect Cost Factor)					
Collaborating Organisation 1. Name					
Personnel Component from Part C1					
Total Indirect Costs (= Personnel Component X Indirect Cost Factor)					
Collaborating Organisation 2. Name					
Personnel Component from Part C1					
Total Indirect Costs (= Personnel Component X Indirect Cost Factor)					

<i>Repeat for each organisation as necessary</i>					
Partner Organisation 1. Name					
Personnel Component from Part C1					
Total Indirect Costs (= Personnel Component X Indirect Cost Factor)					
Partner Organisation 2. Name					
Personnel Component from Part C1					
Total Indirect Costs (= Personnel Component X Indirect Cost Factor)					
<i>Repeat for each organisation as necessary</i>					

PART D—RESEARCH SUPPORT

D1 RESEARCH SUPPORT OF ALL PARTICIPANTS

For each participant listed at Part A3.1 provide details of research funding for the years specified in the table below. That is, list all projects/proposals/fellowships awarded and any requests submitted involving that participant for funding.

- The current Proposal is listed first. List other Proposals and/or projects (including Fellowships) in descending date order.
- Asterisk (*) any support related to this project.
- ARC-funded projects for which reports (including Progress and Final Reports) required in the Conditions of Grant/Funding Contract/Funding Agreement have been submitted should be indicated by a double asterisk (**) after the Description.
- Support types (**Sup type**) are 'R' for requested support, 'C' for current support, 'P' for past support.
- The ARC Project ID applies only to current and past projects (including Fellowships), funded by the ARC.
- Please tick the "Agree to Relinquish" box for any grant/project which you agree to relinquish future funding for if the Proposal for the Centre is successful (see *Call for Proposals* Section 4.6 for further details regarding non-duplication of Commonwealth funding and requirements for the relinquishment of funding). Before making this offer of relinquishment you must have obtained the written agreement of the Administering Organisation for the relevant grant/proposal, with the handwritten signature of the DVC Research (or delegate) on the agreement.

Description (All named investigators on any Proposal or grant/project/fellowship on which a participant is involved, project title, source of support, scheme)	(*)	Sup type (C, R or P)	ARC Project ID (if applicable)	2008 (\$'000)	2009 (\$'000)	2010 (\$'000)	2011 (\$'000)	2012 (\$'000)	Agree to Relinquish Future Funding if Proposal is Successful?
ARC/NWC Co-Funded Centre for Groundwater Research and Training	*	R	Centre Project ID (ARC to supply)						
									<input type="checkbox"/>
									<input type="checkbox"/>
<i>Add rows as necessary</i>									<input type="checkbox"/>

This page serves as a check list for PART E
Once the Application Form has been printed, replace this page with the
following pages:

PART E—DESCRIPTION OF CO-FUNDED CENTRE PROGRAM OF RESEARCH

E1 PROPOSAL TITLE

Use the same title as at Part A2 of this form.

E2 CASE FOR THE CENTRE [14 pages maximum]

This must include an outline of the goals of the Centre and include the method and approach to be adopted and expected results. It should address the objectives listed at sections 1.3, 1.4 and Appendix 2 of the *Call for Proposals*. Applicants are encouraged to write the Case for a Centre in the form of a strategic plan, including their targets for performance against each objective.

E3 PROPOSED CENTRE BUDGET [3 pages maximum]

Provide a detailed budget justification of the need and costs of budget items requested from the ARC and how the proposed Centre will provide value for money. Use the same headings as at column 1 of Part C1.

Provide an explanation of how non-ARC/NWC contributions will support the Proposal. Structure this part under the following headings:

- Cash Revenue

Explain the requested ARC/NWC funding and, if necessary, any conditions associated with the cash contributions from the Administering Organisation and each Collaborating or Partner Organisation.

- Expenses against cash revenue

Explain in appropriate detail the proposed allocation of funding to Personnel, Teaching Relief, Equipment, Maintenance, Travel and Other.

- In-kind contributions

Explain the Personnel, Equipment and Other components. Personnel may include people who will be associated with the Centre, whose salary will not be paid from ARC/NWC Co-Funded Centre funding assistance. The track records of some or all of these people may be included at Part E7. Equipment may address reasons why purchase of equipment cannot be funded under other ARC programs. Other may include the estimated value of the contribution of unsalaried people who will be associated with the Centre (e.g. students, honorary staff).

- Indirect costs

If necessary, explain the basis for the Organisational Indirect Cost factor.

E4 COLLABORATING AND PARTNER ORGANISATION COMMITMENT AND COLLABORATION [3 pages maximum]

Detail how the Collaborating and Partner Organisations will be involved in the Centre and the extent to which the Centre is likely to lead further collaboration between the Collaborating and Partner Organisations and the Administering Organisation and develop long-term alliances.

E5 NATIONAL SIGNIFICANCE AND IMPORTANCE [3 pages maximum]

Describe how the application falls within one or more of the National Research Priorities (as outlined at Appendix 4 of the *Special Research Initiatives Funding Rules for funding commencing in 2008-2009 or 2009-2010*). In particular, it should address the National Research Priority: An Environmentally Sustainable Australia.

Describe how the research is significant and how it addresses an important problem.

Describe the expected outcomes and likely impact of the proposed research.

E6 COMMUNICATION OF RESULTS [2 pages maximum]

Outline plans for communicating the research results of the project to other researchers and the broader community.

E7 PERSONNEL [Page limits apply]

For each CI (including the Interim Director) and PI listed at Part A3.1, include a description of their expertise and proposed roles and contributions to the Centre. There is a page limit of up to **2 pages** per person.

For other persons involved in the Proposal, who are not the Interim Director, CIs or PIs listed at Part A3.1, the following may be provided, (up to **2 pages** per person), including all the information listed below:

- a. Track Records to illustrate the scope and level of commitment to the Centre. Track records are assessed relative to opportunity. The track record should commence with the following information, in order
 - i. Name (Last name, First name, Title);
 - ii. Qualifications (Degree and year of award for each award);
 - iii. Current appointment (Organisation and year of appointment; Level and year of appointment to level);
 - iv. Relevant employment history; and
 - v. Publication list if relevant (10 most significant from past 5 years; up to 4 additional career-best; the number of books, the number of peer-reviewed research publications over the last 5 years, and un-reviewed research publications over the past 5 years).
- b. A brief description of their expertise and proposed roles and contributions to the Centre.
- c. Any other relevant details not included elsewhere within the Application Form.

E8 REFERENCES [1 page maximum]

Include a list of all references within the page limit. This list may be in 10 point font.

PART F—COLLABORATING AND PARTNER ORGANISATION DETAILS

Duplicate Part F for each Collaborating or Partner Organisation
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F1 COLLABORATING AND PARTNER ORGANISATION CONTACT DETAILS [Project ID]

Provide these details only for each Collaborating or Partner Organisation listed at Part A3.2.

F1.1 Organisation Contact

Family Name		Title	
First Name		Second Name	
Position Title			
Phone		Fax	
Email			

F1.2 Organisation Postal Address

Organisation							
Postal Address Line 1							
Postal Address Line 2							
Locality		State		Postcode		Country	

F1.3 Other Organisation Details

Australian Business Number (ABN)		ANZSIC	
Web Page Address (URL)			
Organisation Type			

Add additional ORGANISATION DETAILS as necessary.