

Minister's Approval for Special Research Initiatives for Funding Commencing in 2020 Schedule

Approved Organisation, Leader of Approved Research Program	Approved Research Program	Estimated and Approved Expenditure (\$)					Indicative Funding (\$)				Total (\$)	Partner Organisation(s)
		2019-20 (Column 4)	2020-21 (Column 5)	2021-22 (Column 6)	2022-23 (Column 7)	2023-24* (Column 8)	2024-25* (Column 9)	2025-26* (Column 10)	2026-27* (Column 11)			
(Columns 1 and 2)	(Column 3)									(Column 12)	(Column 13)	
Tasmania												
University of Tasmania												
SR200100008	The Centre will revolutionise predictions of the future of East Antarctica and the Southern Ocean. Changes in the Antarctic will be profoundly costly to Australia, including sea-level and fisheries impacts; but the speed and scale of future change remains poorly understood. A new national-scale and interdisciplinary Centre is required to understand the complex interactions of the ocean, ice sheets, atmosphere and ecosystems that will govern Antarctica's future. The Centre will combine new field data with innovative models to address Australia's Antarctic science priorities, train graduate students, develop leaders, engage the public, and enable major economic benefit as Australia adapts to climate change in the coming years and beyond.	3,333,334.00	6,666,667.00	6,666,666.00	3,333,333.00	0.00	0.00	0.00	0.00	20,000,000.00	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, GEOSCIENCE AUSTRALIA, BRITISH ANTARCTIC SURVEY, CALIFORNIA INSTITUTE OF TECHNOLOGY, USA, DURHAM UNIVERSITY, UK, FRENCH NATIONAL CENTER FOR SCIENTIFIC RESEARCH , KING'S COLLEGE LONDON, LABORATORY OF OCEANOGRAPHY AND CLIMATOLOGY, LABORATORY FOR THE SCIENCE OF CLIMATE AND THE ENVIRONMENT, LAMONT-DOHERTY EARTH OBSERVATORY, USA, SCRIPPS INSTITUTION OF OCEANOGRAPHY, SWANSEA UNIVERSITY, UK, UNIVERSITY OF BORDEAUX I, UNIVERSITY OF CAMBRIDGE, UK, UNIVERSITY OF COLORADO, BOULDER, UNIVERSITY OF LAPLAND, UNIVERSITY OF SOUTHERN CALIFORNIA, USA, UNIVERSITY OF SOUTHAMPTON, UK, UNIVERSITY OF TOKYO, UTRECHT UNIVERSITY, NETHERLANDS, WOODS HOLE OCEANOGRAPHIC INSTITUTION	
King, Prof Matt												

* Note - Indicative funding for approved projects will be made available through a funding variation under section 54 of the ARC Act

Minister's Approval for Special Research Initiatives for Funding Commencing in 2020 Schedule

Approved Organisation, Leader of Approved Research Program (Columns 1 and 2)	Approved Research Program (Column 3)	Estimated and Approved Expenditure (\$)				Indicative Funding (\$)				Total (\$)	Partner Organisation(s)
		2019-20 (Column 4)	2020-21 (Column 5)	2021-22 (Column 6)	2022-23 (Column 7)	2023-24* (Column 8)	2024-25* (Column 9)	2025-26* (Column 10)	2026-27* (Column 11)	(Column 12)	(Column 13)
National Interest Test Statement											
Australia's weather, climate and fisheries – and hence economy and way of life – are heavily affected by changes in the Southern Ocean and Antarctica. Further, melting of Antarctica's ice sheets will threaten \$230 billion of Australia's coastal infrastructure, heritage and homes. This Centre will provide, for the first time, the national-scale research capacity required to advance knowledge and hone predictions of Antarctica's complex ice-Earth-ocean-atmosphere-ecosystem interactions that govern these future impacts. Australia's new Antarctic infrastructure will enable remote fieldwork in the Southern Ocean and Australian Antarctic Territory, where the greatest unknowns exist and where scientists have rarely – if ever – been. New data will improve predictions of the nature and rate of future change, enabling Australia to better safeguard against its worst impacts. Following the Government's Australian Antarctic Science Program Governance Review, the Centre will align with the Australian Antarctic Program Partnership in order to deliver ground-breaking advances in Australia's Antarctic Science Priorities.											
	University of Tasmania	3,333,334.00	6,666,667.00	6,666,666.00	3,333,333.00	0.00	0.00	0.00	0.00	20,000,000.00	
	Tasmania	3,333,334.00	6,666,667.00	6,666,666.00	3,333,333.00	0.00	0.00	0.00	0.00	20,000,000.00	

Minister's Approval for Special Research Initiatives for Funding Commencing in 2020 Schedule

Approved Organisation, Leader of Approved Research Program	Approved Research Program	Estimated and Approved Expenditure (\$)					Indicative Funding (\$)				Total (\$)	Partner Organisation(s)
		2019-20 (Column 4)	2020-21 (Column 5)	2021-22 (Column 6)	2022-23 (Column 7)	2023-24* (Column 8)	2024-25* (Column 9)	2025-26* (Column 10)	2026-27* (Column 11)			
(Columns 1 and 2)	(Column 3)									(Column 12)	(Column 13)	
Victoria Monash University												
SR200100005	This program aims to deliver unprecedented research capability for securing Antarctic environments in the face of uncertain change. By integrating a highly skilled team with new approaches and breakthrough technologies, the program anticipates discovery science, enhanced environmental forecasting and optimised decision-making to advance Australia's position as an influential Antarctic nation. Expected outcomes include better environmental management, unparalleled strategic decision-support for an effective Antarctic Treaty, and new minds to address Antarctica's new challenges. Anticipated benefits are the means to transform environmental forecasting and management in the Antarctic, for Australia, and to the advantage of global security.	1,651,875.00	3,325,228.00	4,880,683.00	6,367,763.00	6,309,969.00	6,214,457.00	5,157,473.00	2,092,552.00	36,000,000.00	AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION, SOUTH AUSTRALIAN MUSEUM, WESTERN AUSTRALIAN MUSEUM, GEOSCIENCE AUSTRALIA, BUREAU OF METEOROLOGY, UNIVERSITY OF MASSACHUSETTS, AMHERST, UNIVERSITY OF COLORADO, BOULDER, UNIVERSITY OF PRETORIA, UNIVERSITY OF EXETER, AUCKLAND UNIVERSITY OF TECHNOLOGY, UNIVERSITY OF OTAGO, NZ, UNIVERSITY OF THE BALEARIC ISLANDS, UNIVERSITY OF SANTIAGO, KING JUAN CARLOS UNIVERSITY, BERKELEY GEOCHRONOLOGY CENTER, VICTORIA UNIVERSITY OF WELLINGTON, NZ, NORWEGIAN POLAR INSTITUTE, DEPARTMENT OF CONSERVATION, NEW ZEALAND, BRITISH ANTARCTIC SURVEY, INTERNATIONAL ASSOCIATION OF ANTARCTICA TOUR OPERATORS	
Chown, Prof Steven L												

* Note - Indicative funding for approved projects will be made available through a funding variation under section 54 of the ARC Act

Minister's Approval for Special Research Initiatives for Funding Commencing in 2020 Schedule

Approved Organisation, Leader of Approved Research Program (Columns 1 and 2)	Approved Research Program (Column 3)	Estimated and Approved Expenditure (\$)					Indicative Funding (\$)			Total (\$)	Partner Organisation(s)
		2019-20 (Column 4)	2020-21 (Column 5)	2021-22 (Column 6)	2022-23 (Column 7)	2023-24* (Column 8)	2024-25* (Column 9)	2025-26* (Column 10)	2026-27* (Column 11)	(Column 12)	(Column 13)
National Interest Test Statement											
This Program aims to deliver the leadership in science and environmental stewardship that is integral to Australia's Antarctic Strategy and 20 Year Action Plan, as articulated through the Australian Antarctic Science Strategic Plan. The Program expects to deliver priorities outlined in these plans, including: 1) Leadership in Antarctic science; 2) Enhanced protection of the Antarctic environment, including through improved evidence for regulation of activities in the Australian Antarctic Territory; 3) Increased influence in the Antarctic Treaty System, incorporating advanced tools (such as visualisation of decision-alternatives) to inform strategic choices; 4) Effective relationships with Antarctic Treaty nations; 5) A new Antarctic interdisciplinary workforce. The Program expects to address the Science and Research Priorities of 'Improved accuracy and precision in predicting and measuring the impact of environmental changes caused by climate and local factors' and 'Options for responding and adapting to the impacts of environmental change on biological systems, urban and rural communities and industry.'											
	Monash University	1,651,875.00	3,325,228.00	4,880,683.00	6,367,763.00	6,309,969.00	6,214,457.00	5,157,473.00	2,092,552.00	36,000,000.00	
	Victoria	1,651,875.00	3,325,228.00	4,880,683.00	6,367,763.00	6,309,969.00	6,214,457.00	5,157,473.00	2,092,552.00	36,000,000.00	
		4,985,209.00	9,991,895.00	11,547,349.00	9,701,096.00	6,309,969.00	6,214,457.00	5,157,473.00	2,092,552.00	56,000,000.00	