

# 8

## Appendices



## Appendix 1

### Details of current and proposed projects and small research activities, 2021-22

Project title	Project code	Start	End	Project leader	Commissioned organisation	Collaborating institutions
<b>Agribusiness</b>						
Agricultural policy research to support natural resource management in Indonesia's upland landscapes	ADP/2015/043	21/03/2018	15/12/2022	Prof Randy Stringer	The University of Adelaide	Australian National University, Indonesian Centre for Agriculture Socio Economic and Policy Studies, University of New England, World Agroforestry Centre, World Wide Fund for Nature - Indonesia
Developing competitive and inclusive value chains of pulses in Pakistan	ADP/2017/004	1/09/2018	30/06/2023	Dr Rajendra Adhikari	The University of Queensland	Australian National University, COMSATS Institute of Information Technology, National Agricultural Research Centre, Sindh Agricultural University, University of Agriculture, Faisalabad, University of Tasmania
Understanding the drivers of successful and inclusive rural regional transformation sharing experiences and policy advice in Bangladesh, China, Indonesia and Pakistan	ADP/2017/024	1/01/2020	31/12/2023	Dr Chunlai Chen	Australian National University	Bangladesh Academy for Rural Development, Bangladesh Agricultural University, Bogor Agricultural University, Indonesian Centre for Agriculture Socio Economic and Policy Studies, Pakistan Institute of Development Economics
Evaluating smallholder livelihoods and sustainability in Indonesian coffee and cocoa value chains [Indonesia]	AGB/2010/099	1/03/2014	31/12/2021	Dr Jeff Neilson	The University of Sydney	Committee on Sustainability Assessment, Indonesian Coffee and Cocoa Research Institute, Indonesian Research Institute for Industrial and Beverage Crops, University of Hassanudin, University of Lampung
Improving smallholder farmer incomes through strategic market development in mango supply chains in southern Vietnam	AGB/2012/061	25/06/2018	30/06/2022	Assoc Prof Robin Roberts	Griffith University	Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD), Northern Territory Department of Primary Industry and Fisheries, Southern Center of Agriculture Rural Policy and Strategy, Southern Horticultural Research Institute, Southern Sub-Institute of Agricultural Engineering and Postharvest technology, The University of Adelaide
Improving milk supply, competitiveness and livelihoods in smallholder dairy chains in Indonesia	AGB/2012/099	13/06/2016	31/12/2021	Prof Wendy Umberger	The University of Adelaide	Australasian Dairy Corporation, Bogor Agricultural University, Department of Economic Development, Jobs, Transport and Resources, Indonesia Centre for Animal Research and Development, Indonesian Centre for Agriculture Socio Economic and Policy Studies
Improving livelihoods in Myanmar and Vietnam through vegetable value chains	AGB/2014/035	13/03/2017	31/01/2022	Dr Gordon Rogers	Applied Horticultural Research	Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD), Department of Agriculture, Fresh Studio Innovations (Asia), Northern Mountainous Agriculture and Forestry Science Institute, The University of Queensland, The University of Sydney, Yezin Agricultural University

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Pacific Agribusiness Research in Development Initiative Phase 2 (PARDI 2) [Fiji, Tonga, Vanuatu]	AGB/2014/057	12/06/2017	31/12/2022	Prof Steven Underhill	University of the Sunshine Coast	Pacific Island Farmers Organisation Network, Pacific Islands Development Forum, Pacific Islands Private Sector Organization, Southern Cross University, University of the South Pacific, The University of Adelaide, The University of Queensland, University of the Sunshine Coast
Inclusive agriculture value chain financing [Indonesia, Vietnam]	AGB/2016/163	25/06/2018	30/09/2023	Dr Alan de Brauw	International Food Policy Research Institute	Abdul Latif Jameel Poverty Action Lab, South East Asia (J-PAL SEA), Indonesian Centre for Agriculture Socio Economic and Policy Studies, Innovations for Poverty Action Myanmar, Institute of Policy and Strategy for Agriculture and Rural Development, Myanmar Economics Association, The University of Sydney
Developing vegetable and fruit value chains and integrating them with community development in the southern Philippines	AGB/2017/039	1/07/2018	31/12/2021	Dr Gomathy Palaniappan	The University of Queensland	—
Strengthening leadership, coordination and economic development of the temperate fruit industry in northern Vietnam	AGB/2018/171	6/03/2019	31/07/2021	Mr Oleg Nicetic	The University of Queensland	—
Establishing sustainable solutions to cassava diseases in mainland South-East Asia [Cambodia, Laos, Myanmar, Vietnam]	AGB/2018/172	23/08/2019	30/06/2023	Dr Jonathan Newby	International Center for Tropical Agriculture	Agricultural Genetics Institute, General Directorate of Agriculture, Hung Loc Agricultural Research Centre, Kasetsart University, National Agriculture and Forestry Research Institute, Plant Protection Center, Department of Agriculture, Plant Protection Research Institute, Thai Tapioca Development Institute, The Chinese Academy of Tropical Agricultural Sciences, The University of Queensland
Increasing the sustainability, productivity and economic value of coffee and black pepper farming systems and value chains in the Central Highlands region of Vietnam	AGB/2018/175	1/02/2021	31/10/2024	Dr Estelle Bienabe	World Agroforestry Centre	Deakin University, Institute of Policy and Strategy for Agriculture and Rural Development, International Center for Tropical Agriculture, National Institute of Agricultural Planning and Projection, Plant Protection Research Institute, Tay Nguyen University, The University of Sydney, Western Highlands Agriculture and Forestry Science Institute
Agribusiness-led inclusive value chain development for smallholder farming systems in the Philippines	AGB/2018/196	1/08/2021	31/07/2025	Dr Lilly Lim-Camacho	CSIRO	Australian National University, Foodlink Advocacy Co-operative, University of the Philippines at Los Banos, University of the Philippines, Mindanao, Visayas State University

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Planning and establishing a sustainable smallholder rice chain in the Mekong Delta [Vietnam]	AGB/2019/153	1/01/20222	31/12/2025	Dr Jaquie Mitchell	The University of Queensland	Ang Giang University, Australian Grain Storage Pty Ltd, Can Tho University, Cuu Long Rice Research Institute, New South Wales Department of Primary Industries, Rice Research Australia Pty Ltd, Ricegrowers Vietnam
Research to support agricultural policy and strategic planning; research to assist the Vietnam Government with the formulation of the 2021–2030 Agricultural Development Strategy for Vietnam	AGB/2019/185	9/12/2019	30/11/2021	Assoc Prof Thio Ancev	The University of Sydney	—
Agriculture for tourism: research to advance a synergistic development pathway for local agribusiness value chains and tourism in Bali, with application to similar high intensity regional tourism hubs throughout Indonesia	AGB/2020/121	1/11/2020	30/04/2022	Mr Jeremy Badgery-Parker	Primary Principles Pty Ltd	—
Developing food loss reduction pathways through smart business practices in mango and tomato value chains in Pakistan and Sri Lanka (Food Loss Research Program)	CS/2020/193	1/11/2021	30/06/2024	Anwar Shah	Quaid-e-Azam University	—
Food loss in the catfish value chain of the Mekong River Basin (Food Loss Research Program) [Cambodia, Laos, Vietnam]	CS/2020/209	1/07/2021	30/06/2024	Van Kien Nguyen	Health and Agricultural Policy Research Institute	—
Managing food value chains for improved nutrition for urban vulnerable populations in Africa (Africitiesfood) (Food Loss Research Program) - Malawi	CS/2021/115	1/07/2021	30/06/2023	Dr Mtafu Manda	Mzuzu University	—
Managing food value chains for improved nutrition for urban vulnerable populations in Africa (Africitiesfood) (Food Loss Research Program) - Zambia	CS/2020/210	1/07/2021	30/06/2023	Dr Gilbert Sjame	University of Zambia	—

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<b>Climate Change</b>						
Transformational pathways for Pacific fisheries communities [Solomon Islands, Kiribati]	WAC/2020/178	1/02/2022	31/12/2025	Dr James Butler	CSIRO	to be determined
Conservation agriculture and sustainable intensification systems for transformational climate adaptation and greenhouse gas mitigation in Pacific island countries [Samoa, Tonga]	CLIM/2020/186	1/01/2022	31/12/2025	Prof Timothy Reeves & Dr Dorin Gupta	The University of Melbourne	Lincoln University, Pacific Community, University of South Pacific (Samoa)
Mitigation and adaptation co-benefits modelling trial in Bangladesh	CLIM/2021/109	7/23/2021	10/31/2022	Dr Carolyn Mutter & Mr Erik Mencos Contreras	Colombia University	Oregon State University, International Maize and Wheat Improvement Center
Transforming Pacific coastal food production systems [Pacific island countries - general]	FIS/2020/108	1/01/2021	30/06/2022	Dr James Butler	CSIRO	Cawthron Institute, Pacific Community, University of Technology Sydney, AgResearch New Zealand
Improving greenhouse gas inventory systems to support the mitigation ambitions of Fiji and Vietnam	WAC/2019/150	1/01/2022	30/06/2021	Prof Peter Grace	Queensland University of Technology	Ministry of Agriculture Fiji, Ministry of Agriculture and Rural Development Vietnam, Ministry of Economy Fiji, The University of Melbourne, New Zealand Agricultural Greenhouse Gas Research Centre
<b>Crops</b>						
Developing a foundation for the long-term management of basal stem rot of oil palm in Papua New Guinea and Solomon Islands	CIM/2012/086	15/07/2014	30/06/2022	Prof Ian Godwin	The University of Queensland	Guadalcanal Plains Palm Oil Limited, Solomon Islands Ministry of Agriculture and Livestock, PNG Oil Palm Research Association Inc
Incorporating salt-tolerant wheat and pulses into smallholder farming systems in southern Bangladesh	CIM/2014/076	1/03/2017	30/06/2022	Prof William Erskine	The University of Western Australia	Bangladesh Agricultural Research Institute, CSIRO, Bangladesh Agricultural University, CSIRO, Bangladesh Department of Agricultural Extension
Mitigating the effects of stripe rust on wheat production in South Asia and eastern Africa [Ethiopia, India, Nepal, Pakistan]	CIM/2014/081	1/08/2016	30/06/2022	Prof Robert Park	The University of Sydney	Nepal Agricultural Research Council, Ethiopian Institute of Agricultural Research, Indian Institute for Wheat and Barley Research, Pakistan Agricultural Research
Agricultural innovations for communities for intensified and sustainable farming systems in Timor-Leste (AI-Com)	CIM/2014/082	1/10/2016	30/06/2022	Prof William Erskine	The University of Western Australia	Timor-Leste Ministry of Agriculture and Fisheries, National University of Timor Lorosa-e, University of the Sunshine Coast, World Vision
Increasing productivity and profitability of pulse production in cereal-based cropping systems in Pakistan	CIM/2015/041	1/11/2016	30/10/2022	Dr Ata-ur Rehman	Charles Sturt University	Muhammad Nawaz Sharif University of Agriculture (Multan, Punjab), Sindh Agricultural University (Tandojam, Sindh), University of Arid Agricultural Rawalpindi (Punjab), Pakistan Agricultural Research Council

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Faba bean in Ethiopia: mitigating disease constraints to improve productivity and sustainability	CIM/2017/030	1/12/2018	30/06/2023	Prof Martin Barbetti	The University of Western Australia	Debre Berhan Agricultural Research Centre, Ethiopian Institute of Agricultural Research, International Center for Agricultural Research in the Dry Areas, New South Wales Department of Primary Industries
Rapid breeding for reduced cooking time and enhanced nutritional quality in common bean ( <i>Phaseolus vulgaris</i> ) [Burundi, Ethiopia, Kenya, Rwanda, Tanzania, Uganda]	CROP/2018/132	1/08/2019	30/06/2024	Prof Wallace Cowling	The University of Western Australia	Ethiopian Institute of Agricultural Research, Institut des Sciences Agronomiques du Burundi, Kenya Agricultural and Livestock Research Organisation, Maruku Agricultural Research Institute (Tanzania), National Crops Resources Research Institute (Uganda), Rwanda Agriculture and Animal Resources Development Board, International Center for Tropical Agriculture
International Mungbean Improvement Network 2 [Bangladesh, India, Indonesia, Kenya, Myanmar]	CROP/2019/144	1/07/2020	30/06/2025	Dr Ramakrishnan Nair	The World Vegetable Center	Bangladesh Agricultural Research Institute, Myanmar Department of Agricultural Research, Indian Institute of Pulses Research, Indonesian Legume and Tuber Crops Research Institute, Kenya Agricultural and Livestock Research Organisation, Queensland Department of Agriculture and Fisheries, The University of Queensland
Weed management techniques for mechanised and broadcast lowland crop production systems in Cambodia and Laos	CROP/2019/145	1/01/2021	31/12/2025	Dr Jaquie Mitchell	The University of Queensland	Cambodia Agricultural Research and Development Institute, National Agricultural and Forestry Research Institute, Laos, Royal University of Agriculture (Cambodia)
Managing basal stem rot in oil palm by converting infected logs to biochar [Papua New Guinea]	CROP/2019/147	1/07/2020	31/12/2021	Dr Agnieszka Mudge	The University of Queensland	PNG Oil Palm Research Association Inc
Protecting Ethiopian lentil crops	CROP/2020/164	1/07/2021	30/06/2026	Prof Martin Barbetti	The University of Western Australia	Amhara Region Agricultural Research Institute, Oromiya Agricultural Research Institute, Ethiopian Institute of Agricultural Research, International Center for Agricultural Research in the Dry Areas, New South Wales Department of Primary Industries
Wheat blast resistant wheat [Bangladesh]	CROP/2020/165	1/07/2021	30/06/2026	Dr Pawan Kumar Singh	International Maize and Wheat Improvement Center	Bangladesh Wheat and Maize Research Institute
Mechanisation and conservation agriculture-based crop-livestock innovation in eastern Africa [Kenya, Tanzania]	CROP/2020/166	1/09/2021	30/06/2026	Richard Bell	Murdoch University	African Conservation Tillage Network, China Agricultural University, Kenya Agricultural and Livestock Research Organisation, Sokoine University of Agriculture (Tanzania), Tanzania Agricultural Research Institute (TARI), University of Nairobi (Kenya)

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Accelerating genetic gain in wheat through hybrid breeding in Bangladesh, Ethiopia and Pakistan	CROP/2020/167	1/09/2021	30/06/2026	Prof Richard Trethowan	The University of Sydney	Ethiopian Institute of Agricultural Research, Muhammed Nawaz Sharif University of Agriculture (Multan, Punjab), Bangladesh Wheat and Maize Research Institute, International Center for Agricultural Research in the Dry Areas, KWS
Enhancing farm-household management decision-making for increased productivity in the Eastern Gangetic Plains [Bangladesh, India, Nepal]	CSE/2012/108	1/07/2018	31/10/2022	Dr Fay Rola-Rubzen	The University of Western Australia	Bihar Agricultural University (India), Nepal Agricultural Research Council, Rajshahi University (Bangladesh), Rangpur Dinalpur Rural Service (Bangladesh), Uttar Banga Krishi Vishwavidyalaya (India), University of New England
Sustainable intensification and diversification in the lowland rice system in Northwest Cambodia	CSE/2015/044	24/02/2017	30/10/2021	Assoc Prof Daniel Tan	The University of Sydney	Cambodia Agricultural Research and Development Institute, Mean Chey University, Provincial Department of Agriculture - Banteay Meanchey, Provincial Department of Agriculture - Battambang, Provincial Department of Agriculture - Pursat, University of Battambang
Demand led plant variety design for emerging markets in Africa [Ghana, Kenya, South Africa, Tanzania]	FSC/2013/019	26/06/2014	31/12/2021	Prof Kaye Basford	The University of Queensland	African Centre for Crop Improvement, Alliance for a Green Revolution in Africa, Association for Strengthening Agricultural Research in Eastern and Central Africa (ASARECA), Biosciences Eastern and Central Africa, Crawford Fund, Forum for Agricultural Research in Africa, Pan Africa Bean Research Alliance, Regional Universities Forum for Capacity Building in Agriculture, Syngenta Foundation for Sustainable Agriculture (SFSA), University of Nairobi, The University of Queenslend, West Africa Centre for Crop Improvement (WACCI), University of Ghana, West and Central African Council for Agricultural Research and Development
<b>Fisheries</b>						
Harvest strategies for Indonesian tropical tuna fisheries to increase sustainable benefits	FIS/2016/16	26/02/2018	30/03/2023	Dr Campbell Davies	CSIRO	Agency for Research and Human Resources Development Marine and Fisheries, Indonesia
Increasing technical skills supporting community-based sea cucumber production in Vietnam and the Philippines	FIS/2016/122	1/10/2018	31/08/2023	Prof Paul Southgate	University of the Sunshine Coast	Guiljan Development Foundation Incorporated (Philippines), Marine Science Institute - University of the Philippines, Mindanao State University at Naawan, Southeast Asian Fisheries Development Centre (Philippines), Ministry of Agriculture and Rural Development - Research Institute for Aquaculture No.3 (Vietnam)
Half-pearl industry development in Tonga and Vietnam	FIS/2016/126	1/09/2017	31/12/2021	Prof Paul Southgate	University of the Sunshine Coast	Ministry of Agriculture and Food, Forests and Fisheries (Tonga), Ministry of Agriculture and Rural Development - Research Institute for Aquaculture No. 3 (Vietnam)

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Accelerating the development of finfish mariculture in Cambodia through south-south research cooperation with Indonesia	FIS/2016/130	13/12/2017	31/12/2021	Dr Mike Rimmer & Prof Nicholas Paul	University of the Sunshine Coast	Fisheries Administration (Cambodia), Institute for Mariculture Research and Fisheries Extension (Gondol, Indonesia), Institute for Coastal Aquaculture and Fisheries Extension (Maros, Indonesia), New South Wales Department of Primary Industries
Development of rice fish systems in the Ayeyarwady Delta, Myanmar	FIS/2016/135	1/07/2017	31/12/2021	Dr Michael Akester	WorldFish Center	Department of Agriculture, Ministry of Fisheries, Myanmar Department of Agricultural Research, International Rice Research Institute
Strengthening and scaling community-based approaches to Pacific coastal fisheries management in support of the New Song [Kiribati, Solomon Islands, Vanuatu]	FIS/2016/300	6/09/2017	31/12/2021	Prof Neil Andrew	University of Wollongong	Fisheries Department (Vanuatu), Ministry of Fisheries and Marine Resources Development, Kiribati, Ministry of Fisheries and Marine Resources, Solomon Islands, The Pacific Community, University of Wollongong, WorldFish Center
Assessing upstream fish migration measures at Xayaburi Dam in Laos	FIS/2017/017	1/09/2019	31/12/2022	Prof Lee Baumgartner	Charles Sturt University	Living Aquatic Resources Research Centre (Laos), National University of Laos, Xayaburi Power Company Limited (Laos)
A nutrition-sensitive approach to coastal fisheries management and development in Timor-Leste and Nusa Tenggara Timur Province, Indonesia	FIS/2017/032	1/09/2021	31/05/2025	Dr David Mills	WorldFish Center	CSIRO, Ministry of Agriculture and Fisheries, Timor-Leste, Research Centre for Marine and Fisheries Socio-economics Indonesia
Baseline monitoring and evaluation of long-term impacts on fish stocks from coral restoration [Philippines]	FIS/2018/128	25/06/2018	31/12/2021	Prof Peter Harrison	Southern Cross University	University of the Philippines, James Cook University
Institutional strengthening in Papua New Guinea: translating fisheries research into policy and management	FIS/2018/151	1/07/2021	30/06/2026	Assoc Prof Desmond Sammut	University of New South Wales	Australian Nuclear Science and Technology Organisation, CSIRO, James Cook University, National Fisheries Authority (Papua New Guinea), University of Papua New Guinea, University of Tasmania
Translating fish passage research outcomes into policy and legislation across South-East Asia [Cambodia, Indonesia, Laos]	FIS/2018/153	1/01/2020	30/06/2024	Prof Lee Baumgartner	Charles Sturt University	Ministry of Agriculture and Livestock (Myanmar), Ministry of Marine Affairs and Fisheries (Indonesia), National University of Laos, Inland Fisheries Research and Development Institute (Cambodia)
Improving peri-urban and remote inland fish farming in Papua New Guinea to benefit both community-based and commercial operators	FIS/2018/154	18/10/2021	30/06/2026	Assoc Prof Desmond Sammut	University of New South Wales	Australian Nuclear Science and Technology Organisation, Department of Agriculture and Livestock, National Fisheries Authority, University of New South Wales
Agriculture and fisheries for improved nutrition: integrated agrifood system analyses for the Pacific region [Kiribati; Solomon Islands; Pacific island countries – general, Vanuatu]	FIS/2018/155	1/08/2019	31/12/2022	Prof Neil Andrew	University of Wollongong	CSIRO, The Pacific Community, The University of Sydney, University of Wollongong, WorldFish Center

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Improved productivity, efficiency and sustainability of the culture-based fishery for finfish and giant freshwater prawn in Sri Lankan reservoirs	FIS/2018/157	1/06/2020	30/06/2025	Dr Clive Jones	James Cook University	National Aquaculture Development Authority, University of Ruhuna, Wayamba University of Sri Lanka
Towards more profitable and sustainable mabé pearl and shell-based livelihoods in the western Pacific [Fiji, Papua New Guinea, Samoa, Tonga]	FIS/2019/122	1/10/2021	30/06/2026	Prof Paul Southgate	University of the Sunshine Coast	The Pacific Community, Ministry of Fisheries and Forests, Ministry of Agriculture, Forests, Food and Fisheries, Ministry of Agriculture and Fisheries, National Fisheries College (Papua New Guinea)
Regional coral restoration networks and appropriate technologies for larger-scale coral and fish habitat restoration in the Philippines and Australia	FIS/2019/123	1/12/2020	31/10/2025	Prof Peter Harrison	Southern Cross University	Queensland University of Technology, The University of Melbourne, University of Technology Sydney, University of the Philippines
Innovating fish-based livelihoods in the community economies of Timor-Leste and Solomon Islands	FIS/2019/124	1/08/2021	31/03/2025	Dr Hampus Eriksson	University of Wollongong	University of Canberra, WorldFish Center, Ministry of Fisheries and Marine Resources (Solomon Islands), Ministry of Fisheries (Timor-Leste)
Improving nutrition through women's and men's engagement across the seaweed food chain in Kiribati and Samoa	FIS/2019/125	1/10/2020	31/03/2022	Dr Libby Swanepoel	University of the Sunshine Coast	The Ministry of Fisheries and Marine Resources Development (Kiribati), Ministry of Agriculture and Fisheries (Samoa)
Developing social and economic monitoring and evaluation systems in Indonesian tuna fisheries to assess potential impacts of alternative management measures on vulnerable communities	FIS/2020/109	1/12/2020	30/06/2022	Prof Kate Barclay	University of Technology Sydney	Agency for Research and Human Resources Development Marine and Fisheries (Indonesia)
Developing alternative small-scale fishery models in the Fly River, Western Province, Papua New Guinea	FIS/2020/110	19/11/2020	28/02/2022	Dr James Butler & Mr Havini Vira	CSIRO & Ok Tedi Development Foundation (PNG)	—
Spatially integrated approach to support a portfolio of livelihoods [Solomon Islands, Pacific island countries - general]	FIS/2020/111	1/06/2021	31/05/2023	Dr Amy Diedrich	James Cook University	Ecological Solutions Foundation (Solomon Islands)
Coalitions for change in sustainable national community-based fisheries management programs in the Pacific [Kiribati, Solomon Islands, Pacific island countries - general, Vanuatu]	FIS/2020/172	1/09/2021	30/06/2025	Prof Neil Andrew	University of Wollongong	Ministry of Fisheries and Marine Resources Development (Kiribati), Ministry of Fisheries and Marine Resources (Solomon Islands), Fisheries Department (Vanuatu), The Pacific Community, WorldFish Center

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Blue economy: valuing the carbon sequestration potential in oyster aquaculture [Vietnam]	FIS/2020/175	1/09/2020	31/12/2021	Dr Sarah Ugalde	University of Tasmania	Ministry of Agriculture and Rural Development – Research Institute for Aquaculture No.1 (Vietnam), New South Wales Department of Primary Industries
Institutional effectiveness and political economy of coral reef restoration in the Philippines	FIS/2021/112	1/08/2021	31/12/2024	Assoc Prof Michael Fabinyi McKinnon	University of Technology Sydney University of Canberra	University of the Philippines, Southern Cross University, Macquarie University
Strengthening agricultural resilience in Western Province: methods for place-based livelihoods approach [Papua New Guinea]	FIS/2021/113	1/09/2021	30/06/2023	Assoc Prof Katharine McKinnon		Western Sydney University, Papua New Guinea Science and Technology Secretariat
Supporting grouper farming smallholders in Vietnam to improve their small-medium enterprise businesses by engaging with aquafeed companies to produce commercial feeds	FIS/2021/121	1/08/2021	31/07/2022	Dr Leo Nankervis	James Cook University	Ministry of Agriculture and Rural Development – Research Institute for Aquaculture No.2, Research Institute for Aquaculture No.3 (Vietnam)
Strengthening agricultural resilience in Western Province: mapping place-based strength and assets [Papua New Guinea]	FIS/2021/122	1/09/2021	3/06/2023	Prof Katherine Gibson	Western Sydney University	Papua New Guinea Science and Technology Secretariat
<b>Forestry</b>						
Developing and promoting market-based agroforestry options and integrated landscape management for smallholder forestry in Indonesia (Kanoppi2)	FST/2016/141	1/04/2017	30/09/2021	Nr Aulia Perdana	World Agroforestry Centre	Center for International Forestry Research, Farm Forestry Consortium, Forestry Research, Development and Innovation Agency, Murdoch University, Threads of Life: Indonesia Textile Arts Centre, University of Mataram, World Wide Fund for Nature - Indonesia
Advancing enhanced wood manufacturing industries in Laos and Australia	FST/2016/151	1/04/2017	31/03/2022	Dr Hilary Smith	The University of Melbourne	Australian National University, Luang Prabang Teak Program, National University of Laos, Queensland Department of Agriculture and Fisheries
Developing and promoting market-based agroforestry and forest rehabilitation options for northwest Vietnam	FST/2016/152	1/04/2017	31/12/2021	Dr La Nguyen	World Agroforestry Centre	Department of Agriculture and Rural Development, Dien Bien, Department of Agriculture and Rural Development, Son La, Department of Agriculture and Rural Development, Yen Bai, Northern Mountainous Agriculture and Forestry Science Institute, Soil and Fertilizer Research Institute, Southern Cross University, Vietnam Academy of Forest Sciences
Enabling community forestry in Papua New Guinea	FST/2016/153	1/10/2017	30/09/2021	Assoc Prof Grahame Applegate	University of the Sunshine Coast	Papua New Guinea Forest Authority, Papua New Guinea Forest Research Institute, Ramu Agri-Industries Ltd, Timber and Forestry Training College of the PNG University of Technology

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Enhancing returns from high-value agroforestry species in Vanuatu	FST/2016/154	1/06/2017	30/06/2022	Dr Tony Page	University of the Sunshine Coast	Department of Forests (Vanuatu), Department of Industry (Vanuatu); Southern Cross University
Enhancing livelihoods through improved forest management in Nepal	FST/2017/037	1/07/2018	30/06/2023	Dr Ian Nulberg	The University of Adelaide	Department of Forest Research and Survey Nepal, Department of Forests, ForestAction Nepal, Nepal Agroforestry Foundation, University of Canberra, University of New South Wales
Enhancing private sector-led development of the canarium industry in Papua New Guinea (phase 2)	FST/2017/038	1/12/2019	31/12/2023	Prof Helen Wallace	Griffith University	National Agricultural Research Institute, The University of Adelaide, University of the Sunshine Coast
Promoting smallholder teak and sandalwood plantations in Papua New Guinea and Australia	FST/2018/178	1/07/2021	30/06/2025	Dr Tony Page	University of the Sunshine Coast	East New Britain Women and Youth in Agriculture, Organisation for Industrial, Spiritual and Cultural Advancement, Pacific Island Projects, Papua New Guinea Forest Authority, Papua New Guinea Forest Research Institute, Papua New Guinea University of Natural Resources and Environment
Reducing forest biosecurity threats in South-East Asia [Indonesia, Vietnam]	FST/2018/179	1/07/2021	30/06/2025	Dr Caroline Mohammed	University of Tasmania	Centre for Forest Biotechnology and Tree Improvement Research, SINARMAS
Coconut and other non-traditional forest resources for the manufacture of engineered wood products [Fiji]	FST/2019/128	1/02/2021	31/01/2026	Dr Rob McGavin	Queensland Department of Agriculture and Fisheries	Griffith University, Pacific Community, PHAMA Plus, The University of Queensland
Supporting agroforestry through tree improvement and gene conservation in Laos	FST/2020/119	18/05/2020	17/11/2021	Assoc Prof Mark Dieters	The University of Queensland	National Agriculture and Forestry Research Institute (Laos)
Building effective forest health and biosecurity networks in South-East Asia [Cambodia, Indonesia, Laos, Malaysia, Thailand, Vietnam]	FST/2020/123	1/07/2021	30/06/2025	Assoc Prof Simon Lawson	University of the Sunshine Coast	Department of Agriculture, Plant Quarantine Division, Laos, Department of Plant Protection, Cambodia, Forestry Administration, National Agriculture and Forestry Research Institute, Queensland Department of Agriculture and Fisheries, University of the Sunshine Coast, University of Tasmania
Livelihoods in forest ecosystem recovery [Solomon Islands]	FST/2020/135	1/07/2021	30/06/2027	Prof Helen Wallace	Griffith University	Ecological Solutions Foundation Solomon Islands, Ministry of Forest and Research
Forest restoration for economic outcomes [Laos]	FST/2020/137	1/07/2021	30/06/2026	Prof Patrick Baker	The University of Melbourne	—

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<b>Horticulture</b>						
Supporting an international initiative to maintain the coconut genetic resources network (COGENT)	GP/2018/193	1/01/2020	30/06/2022	Dr Jeffina Alouw	International Coconut Community	—
Aligning genetic resources, production and post-harvest systems to market opportunities for Pacific island and Australian cocoa [Fiji, Samoa, Solomon Islands, Vanuatu]	HORT/2014/078	12/04/2017	30/12/2021	Mr Yan Diczbalis	Queensland Department of Agriculture and Fisheries	Alternative Communities Trade in Vanuatu, Ministry of Agriculture, Ministry of Agriculture and Fisheries, Ministry of Agriculture and Livestock, Ministry of Agriculture, Livestock, Forestry, Fisheries and Biosecurity, Pacific Community, The University of Adelaide
Integrating protected cropping systems into high value vegetable value chains in the Pacific and Australia [Fiji, Samoa, Tonga]	HORT/2014/080	1/04/2017	31/12/2021	Prof Phil Brown	Central Queensland University	Ministry of Agriculture and Food, Forests and Fisheries, Pacific Community, Queensland Department of Agriculture and Fisheries, Soil Health Pacific Ltd, University of the Sunshine Coast
Developing improved crop protection options in support of intensification of sweetpotato production in Papua New Guinea	HORT/2014/083	28/11/2016	31/08/2021	Prof Geoff Gurr	Charles Sturt University	Charles Sturt University, Fresh Produce Development Agency Ltd, National Agricultural Research Institute, Papua New Guinea University of Technology, University of Southern Queensland
Developing the cocoa value chain in Bougainville	HORT/2014/094	1/02/2016	31/12/2022	Prof David Guest	The University of Sydney	Autonomous Region of Bougainville Department of Primary Industries and Marine Resources, Cocoa Coconut Institute of Papua New Guinea, Mars Australia, University of Natural Resources and Environment
Supporting commercial sweetpotato production and marketing in the Papua New Guinea highlands	HORT/2014/097	1/03/2016	31/08/2021	Prof Phil Brown	Central Queensland University	Australian National University, Fresh Produce Development Agency Ltd, National Agricultural Research Institute, Queensland Department of Agriculture and Fisheries
Development of area-wide management approaches for fruit flies in mango for Indonesia, Philippines, Australia and the Asia-Pacific region	HORT/2015/042	1/11/2018	30/06/2023	Mr Stefano De Faveri	Queensland Department of Agriculture and Fisheries	Eastern Mennonite University, Gadjah Mada University, Indonesian Centre for Agriculture Socio Economic and Policy Studies, Indonesian Centre for Horticulture Research and Development, Provincial Agriculturist Office, University of the Philippines at Los Banos, University of the Philippines, Mindanao
Strengthening vegetable value chains in Pakistan for greater community livelihood benefits	HORT/2016/012	21/02/2018	31/12/2022	Dr Babar Ehsan Bajwa	CABI International (Central and West Asia)	Agriculture Research Institute, Pakistan, Department of Agriculture Extension Punjab, Engro Foundation, Moiaz Foundation, National Agricultural Research Centre, Sindh Agricultural University, Sindh Department of Agriculture Extension, University of Queenstown, Faisalabad, The University of Queensland, Women Agriculture Development Organisation

Project title	Project code	Start	End	Project leader	Commissioned organisation	Collaborating institutions
Responding to emerging pest and disease threats to horticulture in Pacific islands [Fiji, Papua New Guinea, Samoa, Solomon Islands, Tonga]	HORT/2016/185	1/04/2018	30/09/2023	Dr Michael Furlong	The University of Queen Island	Ministry of Agriculture, Ministry of Agriculture and Fisheries, Ministry of Agriculture and Food, Forests and Fisheries, Ministry of Agriculture and Livestock, National Agricultural Research Institute, Pacific Community, Solomon Islands National University, University of Goroka
Developing vegetable value chains to meet evolving market expectations in the Philippines	HORT/2016/188	1/02/2019	31/12/2023	Dr Gordon Rogers	Applied Horticultural Research	Department of Agriculture, East West Seed Company Inc, Landcare Foundation of the Philippines Inc, The University of Sydney, Visayas State University
Improving mango crop management in Cambodia, the Philippines and Australia to meet market expectations	HORT/2016/190	1/01/2022	30/12/2026	Dr Muhammad Sohail Mahzar	Northern Territory Department of Primary Industry and Fisheries Industry, Tourism and Trade	General Directorate of Agriculture Cambodia, Cambodian Agriculture Research and Development Institute, University of the Philippines Mindanao, Provincial Agriculture Office Mindanao
Safeguarding and deploying coconut diversity for improving livelihoods in the Pacific islands [Fiji, Papua New Guinea, Samoa, Solomon Islands, Vanuatu]	HORT/2017/025	1/05/2019	31/12/2024	Dr Carmel Pilotti	Pacific Community	Kokonat Industri Koporasen, Ministry of Agriculture, Ministry of Agriculture and Fisheries, Ministry of Agriculture and Livestock, Ministry of Agriculture, Livestock, Forestry, Fisheries and Biosecurity, The University of Queensland
An integrated management response to the spread of Fusarium wilt of banana in South-East Asia [Indonesia, Laos, Philippines]	HORT/2018/192	1/01/2020	31/12/2024	Mr Anthony Pattison	Queensland Department of Agriculture and Fisheries	Australian Banana Growers Council Inc, Gadjah Mada University, Horticultural Research Centre, Indonesian Tropical Fruit Research Institute, Plant Protection Center, Department of Agriculture, Provincial Agricultural Office-Rigion XI, Davao Del Norte, The University of Queensland, University of Southeastern Philippines
Protecting the coffee industry from coffee berry borer in Papua New Guinea and Australia	HORT/2018/194	1/07/2019	30/06/2024	Dr Ian Newton	Queensland Department of Agriculture and Fisheries	Queensland Department of Agriculture and Fisheries, Papua New Guinea Coffee Industry Corporation, University of the Sunshine Coast
Improving root crop resilience and biosecurity in Pacific island countries and Australia [Fiji, Samoa, Solomon Islands, Tonga]	HORT/2018/195	1/07/2021	30/06/2024	Dr Julie O'Halloran	Queensland Department of Agriculture and Fisheries	Ministry of Agriculture, Mainstreaming of Rural Development Initiative, Tonga Trust, Ministry of Agriculture and Livestock, Ministry of Agriculture and Forestry, Kastom Gaden, Pacific Island Ministry
Preparedness and management of huānglóngbing (citrus greening disease) to safeguard the future of citrus industry in Australia, China and Indonesia	HORT/2019/164	1/07/2021	31/12/2025	Dr Jianhua Mo	New South Wales Department of Primary Industries	Citrus Australia Ltd, Citrus Research Institute of Chinese Academy of Agricultural Science, Gadjah Mada University, Indonesian Citrus and Subtropical Fruit Research Institute (ICSFRI)

Project title	Project code	Start	End	Project leader	Commissioned organisation	Collaborating institutions
Enhanced fruit systems for Tonga and Samoa (phase 2): community-based citrus production	HORT/2019/165	1/09/2021	30/06/2025	Prof Steven Underhill	University of the Sunshine Coast	Mainstreaming of Rural Development Initiative, Tonga Trust, Ministry of Agriculture, Food, Forestry and Fisheries, Nishi Trading, Scientific Research Organisation of Samoa, The University of Queensland
Developing a biosecurity system for small banana growers resilient to Fusarium wilt TR4 in southern and eastern Africa [Mozambique, South Africa, Tanzania]	HORT/2020/128	1/07/2021	30/06/2023	Mr Stewart Lindsay	Queensland Department of Agriculture and Fisheries	Stellenbosch University, Mozambique, Tanzania, Stellenbosch University, Faisalabad, University of Sarghoda
Improving smallholder wellbeing through participation in modern value chains: sustaining future growth in the Pakistan citrus industry	HORT/2020/129	1/07/2021	30/06/2026	Dr Rajendra Adhikari	The University of Queensland	Queensland Department of Agriculture and Fisheries, University of Faisalabad, University of Sarghoda
Building a business case for investment in a coconut industry in the Pacific [Fiji, Samoa, Vanuatu]	HORT/2020/190	1/03/2021	1/10/2021	Mr Cameron Turner	The University of Queensland	Department of Industry, Fiji National University, Ministry of Agriculture (Vanuatu), Ministry of Agriculture and Fisheries, The University of Queensland
Adopting a gender-inclusive participatory approach to reducing horticultural food loss in the Pacific (Food Loss Research Program) [Fiji, Samoa, Solomon Islands, Tonga]	CS/2020/191	1/07/2021	30/06/2024	Dr Seeseei Molimau-Samasoni	Scientific Research Organisation of Samoa	Fiji National University, Mainstreaming of Rural Development Initiative, Tonga Trust, Solomon Islands National University
<b>Livestock Systems</b>						
Smallholder cattle enterprise development in Timor-Leste	LPS/2014/038	1/02/2016	30/06/2022	Assoc Prof Luis Prada e Silva	The University of Queensland	Ministry of Agriculture and Fisheries, National University of Timor Lorosa-e, University of Mataram
Intensification of beef cattle production in upland cropping systems in Northwest Vietnam	LPS/2015/037	1/01/2017	30/06/2022	Dr Stephen Ives	University of Tasmania	Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD), Department of Agriculture and Rural Development, Dien Bien, Hanoi Agricultural University, National Institute of Animal Sciences, Swinburne University of Technology, Tay Bac University, Thai Nguyen University, The University of Queensland, Vietnam National University of Agriculture
Improving smallholder dairy and beef profitability by enhancing farm production and value chain management in Pakistan	LPS/2016/011	1/04/2017	30/06/2022	Dr David McGill	The University of Melbourne	Charles Sturt University, Sindh Agricultural University, University of Animal and Veterinary Sciences, Lahore
Increasing the productivity and profitability of smallholder beekeeping enterprises in Papua New Guinea and Fiji	LS/2014/042	1/07/2019	30/06/2023	Dr David Lloyd	Southern Cross University	Biosecurity Authority of Fiji, Papua New Guinea Coffee Industry Corporation, Department of Agriculture and Livestock, Fiji Beekeepers Association, Ministry of Agriculture

<b>Project title</b>	<b>Project code</b>	<b>Start</b>	<b>End</b>	<b>Project leader</b>	<b>Commissioned organisation</b>	<b>Collaborating institutions</b>
Investigating and developing interventions to mitigate food borne parasitic disease in production animals in Laos	LS/2014/055	15/11/2020	31/12/2023	Dr Amanda Ash	Murdoch University	Department of Communicable Diseases Control, Ministry of Health, Murdoch University, National University of Laos
Improving farmer livelihoods by developing market-oriented small ruminant production systems in Myanmar	LS/2014/056	1/03/2019	31/12/2021	Dr Angus Campbell	The University of Melbourne	Livestock Breeding and Veterinary Department, University of Veterinary Science, Yezin Agricultural University
Improving cattle production in the Myanmar Central Dry Zone through improved animal nutrition, health and management	LS/2016/132	1/11/2018	31/12/2021	Dr Dianne Mayberry	CSIRO	Livestock Breeding and Veterinary Department, The University of Melbourne, University of Veterinary Science, Yezin Agricultural University
Safe Pork: Market-based approaches to improving the safety of pork in Vietnam	LS/2016/143	1/10/2017	30/06/2022	Dr Fred Unger	International Livestock Research Institute	Hanoi University of Public Health, National Institute of Animal Sciences, The University of Sydney, Vietnam National University of Agriculture
High quality markets and value chains for small-scale and emerging beef cattle farmers in South Africa (stage 2)	LS/2016/276	1/01/2018	30/06/2022	Dr Heather Burrow	University of New England	Agricultural Research Council - Animal Products Institute, Department of Agriculture, Forestry and Fisheries, National Agricultural Marketing Council
Improving small ruminant production and supply in Fiji and Samoa	LS/2017/033	1/07/2019	30/06/2024	Dr Frances Cowley	University of New England	Charles Sturt University, Fiji National University, Ministry of Agriculture, Ministry of Agriculture and Fisheries, The University of the South Pacific
Goat production systems and marketing in Laos and Vietnam	LS/2017/034	1/07/2019	30/06/2023	Dr Stephen Walkden-Brown	University of New England	Charles Sturt University, National Agriculture and Forestry Research Institute, National Animal Health Laboratory
Sectoral analysis and investment requirements for improving Fiji and Samoa small ruminant sector	LS/2018/183	1/11/2020	31/12/2021	Dr Rodd Dyer	The University of Queensland	The University of Queensland
A farm planning approach to increase productivity and profitability of smallholder cattle systems in Vanuatu	LS/2018/185	1/10/2021	30/09/2024	Dr Simon Quigley	The University of Queensland	Ministry of Agriculture, Livestock, Forestry, Fisheries and Biosecurity, Ministry of Trade, Commerce, Industry and Tourism, Queensland Department of Agriculture and Fisheries, Vanuatu Agricultural Research and Technical Centre
Evaluating zoonotic malaria transmission and agricultural and forestry land use in Indonesia	LS/2019/116	1/01/2020	30/06/2022	Assoc Prof Matthew Grigg	Menzies School of Health Research	Eijkman Institute for Molecular Biology, James Cook University, Menzies School of Health Research, Universitas Sumatera Utara
Collaboration on One Health economic research for systems [Cambodia]	LS/2019/118	1/01/2020	30/06/2022	Prof Barbara McPake	Nossal Institute Limited	General Directorate of Animal Health and Production, National Institute of Public Health, Nossal Institute Limited

<b>Project title</b>	<b>Project code</b>	<b>Start</b>	<b>End</b>	<b>Project leader</b>	<b>Commissioned organisation</b>	<b>Collaborating institutions</b>
Enhancing the management of antimicrobial resistance in Fiji	LS/2019/119	1/01/2020	30/06/2022	Dr Walter Okelo	CSIRO	Fiji National University, University of South Australia, University of Technology Sydney
Asian chicken genetic gains: a platform for exploring, testing, delivering, and improving chickens for enhanced livelihood outcomes in South-East Asia [Cambodia, Myanmar, Vietnam]	LS/2019/142	15/09/2020	30/06/2024	Dr Tadelle Dessie	International Livestock Research Institute	E-Merge Centre for Innovations - Africa, Livestock Development for Community Livelihood Organisation, Ministry of Agriculture and Fisheries, National Animal Health and Production Research Institute, National Institute of Animal Sciences
Improved animal health surveillance in Timor-Leste	LS/2019/158	15/02/2020	30/10/2021	Dr Jenny-Ann Toribio	The University of Sydney	Northern Territory Department of Primary Industry and Resources
Resilient and low-carbon livestock systems for trade and food security in the rangelands of eastern and southern Africa [Ethiopia, Kenya, Zimbabwe]	LS/2020/152	1/07/2021	30/06/2025	Dr Dawit Solomon	International Livestock Research Institute	—
Upscaling the benefits of insect-based animal feed technologies for sustainable agricultural intensification in Africa [Kenya, Rwanda, Uganda]	LS/2020/154	1/07/2021	30/06/2025	Dr Chrysanthus Tanga	International Centre of Insect Physiology and Ecology	—
Assessing the potential of a high value 'sustainable beef' brand within the Vanuatu tourism sector to improve beef production and increase the market share for smallholders	LS/2020/155	1/06/2021	31/12/2022	Dr Cherise Addinsall	Southern Cross University	—
Global burden of animal disease initiative: Indonesia case study	LS/2020/156	1/07/2021	31/12/2023	Dr Diane Mayberry	CSIRO	Directorate of Animal Health, Indonesian Research Centre for Veterinary Sciences
COVID-19: gendered risks, impact and response in the Indo-Pacific: rapid research and policy guidance (COVID-19 impacts program) [Myanmar, Papua New Guinea, Philippines]	LS/2020/203	1/01/2021	31/12/2021	Prof Sara Davies	Griffith University	—
Rapid assessment of the impact of COVID-19 on wet market reforms: case studies from Vietnam, Kenya and the Philippines (COVID-19 impacts program)	LS/2020/204	1/02/2021	31/12/2021	Dr Kevin Bardosh & Assoc Prof Cecily Maller	RMIT University	St Luke's Medical Center College, University of Nairobi, Vietnam Academy of Social Sciences

<b>Project title</b>	<b>Project code</b>	<b>Start</b>	<b>End</b>	<b>Project leader</b>	<b>Commissioned organisation</b>	<b>Collaborating institutions</b>
Vulnerability in the Anthropocene: a prospective analysis of the need for social protection (COVID-19 impacts program) [Myanmar, Vietnam]	LS/2020/206	1/01/2021	31/12/2021	Dr Paulo Santos	Monash University	—
Livestock climate lens Part 1: data landscape analysis [Myanmar, Vanuatu]	LS/2020/207	1/02/2021	31/12/2021	Dr (Paul) Long Cheng	The University of Melbourne	—
<b>Social Systems</b>						
Agrifood systems transformation through circular migration between Pacific islands and Australia (COVID-19 impacts program) [Samoa, Tonga, Vanuatu]	CS/2020/212	1/02/2021	30/09/2021	Dr Federico Davila	University of Technology Sydney	CSIRO, University of Wollongong
Uptake of agricultural technologies amongst farmers in Battambang and Pailin provinces, Cambodia	ASEM/2013/003	1/04/2017	31/12/2021	Dr Brian Cook	The University of Melbourne	Australian National University, Center for Development Oriented Research in Agriculture and Livelihood Systems (Cambodia), Partners for Rural Development (Cambodia), Prek Leap National School of Agriculture, RMIT University
Improving livelihoods of smallholder coffee communities in Papua New Guinea	ASEM/2016/100	1/10/2017	31/03/2023	Prof George Curry	Curtin University	CSIRO, Papua New Guinea Coffee Industry Corporation
Climate-smart landscapes for promoting sustainability of Pacific island agricultural systems [Fiji, Tonga]	ASEM/2016/101	1/01/2018	30/09/2022	Dr Eleanor Bruce & Dr Bryan Boruff	The University of Sydney & The University of Western Australia	Ministry of Agriculture and Food, Forests and Fisheries (Tonga), The Pacific Community, Stockholm Environment Institute - Asia (Thailand), The University of Auckland, The University of the South Pacific
Enhancing livelihoods through forest and landscape restoration [Philippines]	ASEM/2016/103	15/12/2017	30/06/2022	Dr John Herbohn	University of the Sunshine Coast	Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development, Queensland University of Technology, Southern Cross University, The University of Queensland, Visca Foundation for Agricultural and Rural Development (Philippines)
Climate smart agriculture opportunities for enhanced food production in Papua New Guinea	ASEM/2017/026	18/03/2019	31/12/2023	Dr Steven Crimp	Australian National University	Climate Change and Development Authority (Papua New Guinea), CSIRO, Department of Agriculture and Livestock, Fresh Produce Development Agency Ltd (Papua New Guinea), National Agricultural Research Institute (Papua New Guinea), Phloem 3 Pty Ltd (Papua New Guinea), Papua New Guinea National Weather Service, Sustineo Pty Ltd (Australia/Papua New Guinea), The University of Goroka

Project title	Project code	Start	End	Project leader	Commissioned organisation	Collaborating institutions
Building institutions for the sustainable management of artesian groundwater in Myanmar	SSS/2018/135	1/01/2020	31/12/2021	Dr Sonali Senaratna-Sellamuttu & Mr Sanjiv de Silva	International Water Management Institute	Aqua Rock Konsultants, CSIRO, Irrigation and Water Utilization Management Department (Myanmar), Myanmar Institute for Integrated Development
Improving agricultural development opportunities for female smallholders in rural Solomon Islands	SSS/2018/136	1/01/2020	31/12/2024	Dr Deborah Hill	University of Canberra	Kastom Gaden Association (Solomon Islands), Live and Learn Solomon Islands, Longgu District Mother's Union (Solomon Islands)
Gender equitable agricultural extension through institutions and youth engagement in Papua New Guinea	SSS/2018/137	1/10/2019	31/03/2024	Dr Josephine Caffery	University of Canberra	Pacific Adventist University
Analysing gender transformative approaches to agricultural development with ethnic minority communities in Vietnam	SSS/2018/139	1/10/2018	31/03/2022	Dr Rochelle Spencer	Murdoch University	—
Next generation agricultural extension: social relations for practice change [Cambodia]	SSS/2019/138	1/01/2021	31/12/2025	Dr Brian Cook	The University of Melbourne	Macquarie University, Partners for Rural Development (Cambodia), The University of Adelaide, University of Battambang (Cambodia)
Landcare - an agricultural extension and community development model at district and national scale in Fiji	SSS/2019/140	1/03/2021	31/12/2024	Dr Mary Johnson	RMIT University	Australian Landcare International, Fiji National University, Landcare Foundation of the Philippines Inc, Ministry of Agriculture (Fiji), Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development, Tei Tei Taveni (Fiji), University of the Philippines at Los Baños, University of the Philippines, Mindanao
Policy impact in Laos: from research to practice	SSS/2020/142	15/07/2020	31/12/2021	Dr Hilary Smith & Prof Peter Kanowski	Australian National University	National University of Laos
Understanding agrichemical use in South-East Asia agriculture [Laos, Vietnam]	SSS/2020/143	12/10/2020	31/03/2022	Drs Liана Williams & Lucy Carter	CSIRO	Plant Protection Research Institute (Vietnam), National Agriculture and Forestry Research Institute (Laos)
Building the evidence base on the impacts of mobile financial services for women and men in farming households in Laos and Cambodia	SSS/2020/160	1/09/2021	31/08/2026	Dr Erin Taylor	Western Sydney University	National University of Laos, The University of Adelaide, Royal University of Phnom Penh
Assessment of Indonesia's agricultural innovation system	SSS/2021/100	31/03/2021	31/12/2021	Mr Graham Teskey	ABT Associates Pty LTD	PT. Mitra Asia Lestari (Indonesia)

Project title	Project code	Start	End	Project leader	Commissioned organisation	Collaborating institutions
<b>Soil and Land Management</b>						
Improving community fire management and peatland restoration in Indonesia	FST/2016/144	1/12/2017	31/12/2021	Dr Daniel Mendham	CSIRO	Australian National University, Forestry and Environment Research and Development Agency (FOERDA), Forestry Research, University of the Sunshine Coast, Development and Innovation Agency, RMIT University, The University of Melbourne, Borneo Orangutan Survival Foundation, Yayasan Tambuhak Sinta (Indonesia)
Management practices for profitable crop-livestock systems for Cambodia and Laos	SMCN/2012/075	22/03/2016	31/03/2024	Dr Matthew Denton	The University of Adelaide	Cambodia Agricultural Research and Development Institute, Department of Agricultural Land Management, Murdoch University, National Agriculture and Forestry Research Institute, Provincial Agriculture and Forestry Office, Royal University of Agriculture
Sustaining soil fertility in support of intensification of sweetpotato cropping systems [Papua New Guinea]	SMCN/2012/105	22/05/2020	30/04/2023	Prof Neal Menzies	The University of Queensland	National Agricultural Research Institute
Land suitability assessment and site-specific soil management for Cambodian uplands	SMCN/2016/237	10/11/2017	31/03/2022	Dr Wendy Vance	Murdoch University	Cambodia Agricultural Research and Development Institute, Department of Agriculture and Food, Western Australia, Royal University of Agriculture
Land management of diverse rubber-based systems in southern Philippines	SLAM/2017/040	1/01/2019	31/12/2023	Prof Chengrong Chen	Griffith University	Bureau of Soil and Water Management, Provincial Government of Agusan del Sur (PGAS), University of Southern Mindanao, Caraga State University
Farmer options for crops under saline conditions in the Mekong River Delta, Vietnam	SLAM/2018/144	1/01/2020	31/12/2024	Dr Jason Condon	Charles Sturt University	Can Tho University, Institute of Agricultural Sciences of Southern Vietnam, Murdoch University, New South Wales Department of Primary Industries, University of New England
Crop health and nutrient management of shallot-chilli-rice cropping systems in coastal Indonesia	SLAM/2018/145	1/08/2020	31/01/2025	Dr Stephen Harper	The University of Queensland	Balai Pengkajian Teknologi Pertanian (BPTP) Central Sulawesi, Bogor Agricultural University, Gadjah Mada University, Indonesian Soil Research Institute, Indonesian Vegetable Research Institute, Queensland Department of Agriculture and Fisheries, The University of Queensland
Soil-based challenges for cropping in Shan State (nutrient acquisition) Myanmar	SLAM/2018/190	10/05/2019	17/08/2022	Dr Terry Rose	Southern Cross University	—

Project title	Project code	Start	End	Project leader	Commissioned organisation	Collaborating institutions
Better soil information for improving Papua New Guinea's agricultural production and land use planning; building on PNGRIS and linking to the Pacific Regional Soil Partnership	SLAM/2019/106	1/07/2021	30/06/2025	Mr Peter Wilson	CSIRO	Department of Agriculture and Livestock, National Agricultural Research Institute, Forestry Research Institute, Coffee Research Institute, University of Technology (Papua New Guinea)
Optimising soil management and health in Papua New Guinea integrated cocoa farming systems (phase 2)	SLAM/2019/109	1/03/2021	28/02/2026	Damien Field	The University of Sydney	University of Natural Resources and Environment, Cocoa Board (Papua New Guinea)
Managing heavy metals and soil contaminants in vegetable production to ensure food safety and environmental health in the Philippines	SLAM/2020/117	1/01/2022	30/12/2025	Dr Stephen Harper	The University of Queensland	University of the Philippines Los Banos, Visayas State University, University of Science and Technology of Southern Philippines
Validating technologies for assessing and monitoring the impacts of re-wetting of peatland Indonesia using eddy flux towers coupled with the Chameleon sensors	SLAM/2020/118	1/09/2020	28/02/2022	Dr Samantha Grover	RMIT University	University of Melbourne, Borneo Orangutan Survival Foundation, Australian National University, Forestry and Environment Research and Development Agency (FOERDA)
Soil management in Pacific Islands (phase 2); investigating nutrient dynamics and the utility of soil information for better soil and crop management	SLAM/2020/139	1/10/2021	30/09/2025	Dr Ben Macdonald	CSIRO	Fiji Ministry of Agriculture, University of the South Pacific, The Pacific Community, Scientific Research Organisation of Samoa
Reducing uncertainty in greenhouse gas emissions from Indonesian peatfire	SLAM/2020/140	1/10/2020	30/09/2021	Dr Liubov Volkova	The University of Melbourne	—
Understanding tradition and fostering appropriate innovation in soil management to improve farmers productivity and livelihood in Timor-Leste	SLAM/2020/141	1/01/2022	31/12/2025	Prof Andrew McWilliam	Western Sydney University	Deakin University

Project title	Project code	Start	End	Project leader	Commissioned organisation	Collaborating institutions
<b>Water</b>						
Nutrient management for diversified cropping in Bangladesh	LWR/2016/136	1/08/2017	30/12/2022	Prof Richard Bell	Murdoch University	Bangladesh Agricultural Research Council, Bangladesh Agricultural Research Institute, Bangladesh Agricultural University, Bangladesh Rice Research Institute, Conservation Agriculture Service Providers Association, Khulna University, Patuakhali Science and Technology University, Soil Resource Development Institute
Transforming smallholder irrigation into profitable and self-sustaining systems in southern Africa [Malawi, Mozambique, South Africa, Tanzania, Zimbabwe]	LWR/2016/137	16/06/2017	30/06/2022	Prof Jamie Pittcock	Australian National University	Ardhi University, CSIRO, Food Agriculture and Natural Resources Policy Analysis Network, International Crops Research Institute for the Semi-Arid Tropics, National Institute of Irrigation, University of South Australia
Adapting to salinity in the southern Indus Basin [Pakistan]	LWR/2017/027	15/03/2021	30/09/2023	Dr Michael Mitchell	Charles Sturt University	CSIRO, International Centre for Biosaline Agriculture, International Union for Conservation of Nature and Natural Resources, Mehran University of Engineering and Technology
Virtual Irrigation Academy Phase 2: from water monitoring to learning to governance [Malawi, Mozambique, South Africa, Zimbabwe]	WAC/2018/162	17/06/2019	30/06/2023	Dr Richard Stirzaker	CSIRO	Association for Strengthening Agricultural Research in Eastern and Central Africa (ASARECA), Department of Agricultural Research Services, Department of Irrigation, National Institute of Irrigation
Water management for small-holder farmers: outscaling ACIAR research in Andhra Pradesh Drought Mitigation Program [India]	WAC/2018/164	1/10/2019	30/09/2022	Dr Uday Nidumolu	CSIRO	—
Mitigating risk and scaling-out profitable cropping system intensification practices in the salt-affected coastal zones of the Ganges Delta [Bangladesh, India]	LWR/2019/073	1/11/2015	30/06/2022	Dr Mohammed Mainuddin	CSIRO	Bangladesh Agricultural Research Council, Bangladesh Agricultural Research Institute, Bidhan Chandra Krishi Viswavidyalaya University, Central Soil Salinity Research Institute, Krishi Gobeshona Foundation, Murdoch University, Shushilan, Tagore Society for Rural Development
Transforming smallholder food systems in the Eastern Gangetic Plains [Bangladesh, India, Nepal]	WAC/2020/148	1/10/2021	30/09/2026	Dr Tamara Jackson	The University of Adelaide	Bangladesh Agricultural University, Department of Agriculture, West Bengal, India, International Food Policy Research Institute, International Maize and Wheat Improvement Center, Ministry of Land Management and Cooperatives, Rangpur Dinajpur Rural Service, Satmire Satish Club Opathagar, Uttar Banga Krishi Vishwavidyalaya

<b>Project title</b>	<b>Project code</b>	<b>Start</b>	<b>End</b>	<b>Project leader</b>	<b>Commissioned organisation</b>	<b>Collaborating institutions</b>
Regional foresight for food systems in the Eastern Gangetic Plains [Bangladesh, India, Nepal]	WAC/2020/158	6/11/2020	12/31/2021	Dr Avinash Kishore	International Food Policy Research Institute	—
Opportunities for brackish and saline aquaculture in Pakistan	WAC/2020/179	1/07/2021	30/06/2022	Dr Mohsin Hafeez	International Water Management Institute	WorldFish
Virtual Irrigation Academy business models in Pakistan	WAC/2020/180	1/09/2021	30/08/2022	Dr Richard Stirzaker	CSIRO	Pakistan Council for Research on Water Resources
Supporting inter-provincial water allocation decision making in Pakistan	WAC/2021/103	25/03/2021	31/03/2022	Dr Mobin-ud Din Ahmad	CSIRO	—
<b>Cultivate Africa's Future (phase 2)</b>						
Climate-smart interventions for smallholder farmers in Ethiopia (CultiAF 109038)	GP/2019/173	1/04/2019	30/09/2022	Dr Taye Mindaye	Ethiopian Institute of Agricultural Research	—
User driven approaches to make government and farmer led smallholder irrigation in Mozambique more productive (CultiAF 109039)	GP/2019/174	1/04/2019	30/09/2022	Dr Mario Chilundo	University of Eduardo Mondlane	—
Alien invasive fruit flies in Southern Africa: Implementation of a sustainable IPM programme to combat their menaces (CultiAF 109040) [Malawi, Mozambique, Zambia, Zimbabwe]	GP/2019/175	1/04/2019	30/09/2022	Dr Samira Mohamed	International Centre of Insect Physiology and Ecology	—
Harnessing dietary nutrients of underutilised fish and fish-based products in Uganda (CultiAF 109041)	GP/2019/176	1/04/2019	30/09/2022	Dr Jackson Eftire	Makere University Uganda	—
Improving agricultural productivity and resilience with satellite and cell phone imagery to scale climate-smart crop insurance (CultiAF 109076) [Kenya]	GP/2019/177	1/04/2019	30/09/2022	Mr Amos Tabalia	Agriculture and Climate Risk Enterprise Limited (ACRE Africa)	—

## Appendix 2

### Location (Australian state or international) of commissioned organisations for current and proposed projects, 2021-22

Project title	Project code	Commissioned organisation
<b>Australian Capital Territory</b>		
Assessment of Indonesia's agricultural innovation system	SSS/2021/100	ABT Associates Pty Ltd
Understanding the drivers of successful and inclusive rural regional transformation: sharing experiences and policy advice in Bangladesh, China, Indonesia and Pakistan	ADP/2017/024	Australian National University
Climate smart agriculture opportunities for enhanced food production in Papua New Guinea	ASEM/2017/026	Australian National University
Transforming smallholder irrigation into profitable and self-sustaining systems in southern Africa	LWR/2016/137	Australian National University
Policy impact in Laos: from research to practice	SSS/2020/142	Australian National University
Enhancing the management of antimicrobial resistance in Fiji	LS/2019/119	CSIRO
Mitigating risk and scaling-out profitable cropping system intensification practices in the salt-affected coastal zones of the Ganges Delta	LWR/2019/073	CSIRO
Better soil information for improving Papua New Guinea's agricultural production and land use planning: building on PNGRIS and linking to the Pacific Regional Soil Partnership	SLAM/2019/106	CSIRO
Soil management in Pacific islands (phase 2): investigating nutrient dynamics and the utility of soil information for better soil and crop management	SLAM/2020/139	CSIRO
Virtual Irrigation Academy Phase 2: from water monitoring to learning to governance	WAC/2018/162	CSIRO
Water management for small-holder farmers: outscaling ACIAR research in Andhra Pradesh Drought Mitigation Program	WAC/2018/164	CSIRO
Virtual Irrigation Academy business models in Pakistan	WAC/2020/180	CSIRO
Supporting inter-provincial water allocation decision making in Pakistan	WAC/2021/103	CSIRO
Strengthening agricultural resilience in Western Province: methods for place-based livelihoods approach	FIS/2021/113	University of Canberra
Improving agricultural development opportunities for female smallholders in rural Solomon Islands	SSS/2018/136	University of Canberra
Gender equitable agricultural extension through institutions and youth engagement in Papua New Guinea	SSS/2018/137	University of Canberra
<b>New South Wales</b>		
Improving livelihoods in Myanmar and Vietnam through vegetable value chains	AGB/2014/035	Applied Horticultural Research
Developing vegetable value chains to meet evolving market expectations in the Philippines	HORT/2016/188	Applied Horticultural Research
Increasing productivity and profitability of pulse production in cereal-based cropping systems in Pakistan	CIM/2015/041	Charles Sturt University
Assessing upstream fish migration measures at Xayaburi Dam in Laos	FIS/2017/017	Charles Sturt University
Translating fish passage research outcomes into policy and legislation across South-East Asia	FIS/2018/153	Charles Sturt University
Developing improved crop protection options in support of intensification of sweetpotato production in Papua New Guinea	HORT/2014/083	Charles Sturt University
Adapting to salinity in the southern Indus Basin	LWR/2017/027	Charles Sturt University
Farmer options for crops under saline conditions in the Mekong River Delta, Vietnam	SLAM/2018/144	Charles Sturt University

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Preparedness and management of huánglóngbing (citrus greening disease) to safeguard the future of citrus industry in Australia, China and Indonesia	HORT/2019/164	New South Wales Department of Primary Industries
Baseline monitoring and evaluation of long-term impacts on fish stocks from coral restoration	FIS/2018/128	Southern Cross University
Increasing the productivity and profitability of smallholder beekeeping enterprises in Papua New Guinea and Fiji	LS/2014/042	Southern Cross University
Assessing the potential of a high value 'sustainable beef' brand within the Vanuatu tourism sector to improve beef production and increase the market share for smallholders	LS/2020/155	Southern Cross University
Soil-based challenges for cropping in Shan State (nutrient acquisition)	SLAM/2018/190	Southern Cross University
Evaluating smallholder livelihoods and sustainability in Indonesian coffee and cocoa value chains	AGB/2010/099	The University of Sydney
Research to support agricultural policy and strategic planning: research to assist the Vietnam Government with the formulation of the 2021-2030 Agricultural Development Strategy for Vietnam	AGB/2019/185	The University of Sydney
Mitigating the effects of stripe rust on wheat production in South Asia and eastern Africa	CIM/2014/081	The University of Sydney
Accelerating genetic gain in wheat through hybrid breeding in Bangladesh, Ethiopia and Pakistan	CROP/2020/167	The University of Sydney
Sustainable intensification and diversification in the lowland rice system in Northwest Cambodia	CSE/2015/044	The University of Sydney
Developing the cocoa value chain in Bougainville	HORT/2014/094	The University of Sydney
Improved animal health surveillance in Timor-Leste	LS/2019/158	The University of Sydney
Optimising soil management and health in Papua New Guinea integrated cocoa farming systems (phase 2)	SLAM/2019/109	The University of Sydney
Climate-smart landscapes for promoting sustainability of Pacific island agricultural systems	ASEM/2016/101	The University of Sydney & The University of Western Australia
High quality markets and value chains for small-scale and emerging beef cattle farmers in South Africa (stage 2)	LS/2016/276	University of New England
Improving small ruminant production and supply in Fiji and Samoa	LS/2017/033	University of New England
Goat production systems and marketing in Laos and Vietnam	LS/2017/034	University of New England
Institutional strengthening in Papua New Guinea: translating fisheries research into policy and management	FIS/2018/151	University of New South Wales
Improving peri-urban and remote inland fish farming in Papua New Guinea to benefit both community-based and commercial operators	FIS/2018/154	University of New South Wales
Agrifood systems transformation through circular migration between Pacific islands and Australia (COVID-19 impacts program)	CS/2020/212	University of Technology Sydney
Developing social and economic monitoring and evaluation systems in Indonesian tuna fisheries to assess potential impacts of alternative management measures on vulnerable communities	FIS/2020/109	University of Technology Sydney
Institutional effectiveness and political economy of coral reef restoration in the Philippines	FIS/2021/112	University of Technology Sydney
Strengthening and scaling community-based approaches to Pacific coastal fisheries management in support of the New Song	FIS/2016/300	University of Wollongong
Agriculture and fisheries for improved nutrition: integrated agrifood system analyses for the Pacific region	FIS/2018/155	University of Wollongong
Innovating fish-based livelihoods in the community economies of Timor-Leste and Solomon Islands	FIS/2019/124	University of Wollongong
Coalitions for change in sustainable national community-based fisheries management programs in the Pacific	FIS/2020/172	University of Wollongong
Strengthening agricultural resilience in Western Province: mapping place-based strength and assets	FIS/2021/122	Western Sydney University

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Understanding tradition and fostering appropriate innovation in soil management to improve farmers productivity and livelihood in Timor-Leste	SLAM/2020/141	Western Sydney University
Building the evidence base on the impacts of mobile financial services for women and men in farming households in Laos and Cambodia	SSS/2020/160	Western Sydney University
<b>Northern Territory</b>		
Evaluating zoonotic malaria transmission and agricultural and forestry land use in Indonesia	LS/2019/116	Menzies School of Health Research
Improving mango crop management in Cambodia, the Philippines and Australia to meet market expectations	HORT/2016/190	Northern Territory Department of Primary Industry and Fisheries Industry, Tourism and Trade
<b>Queensland</b>		
Integrating protected cropping systems into high value vegetable value chains in the Pacific and Australia	HORT/2014/080	Central Queensland University
Supporting commercial sweetpotato production and marketing in the Papua New Guinea highlands	HORT/2014/097	Central Queensland University
Agribusiness-led inclusive value chain development for smallholder farming systems in the Philippines	AGB/2018/196	CSIRO
Transforming Pacific coastal food production systems	FIS/2020/108	CSIRO
Improving cattle production in the Myanmar Central Dry Zone through improved animal nutrition, health and management	LS/2016/132	CSIRO
Global burden of animal disease initiative: Indonesia case study	LS/2020/156	CSIRO
Understanding agrichemical use in South-East Asia agriculture	SSS/2020/143	CSIRO
Transformational pathways for Pacific fisheries communities	WAC/2020/178	CSIRO
Developing alternative small-scale fishery models in the Fly River, Western Province, Papua New Guinea	FIS/2020/110	CSIRO & Ok Tedi Development Foundation (PNG)
Improving smallholder farmer incomes through strategic market development in mango supply chains in southern Vietnam	AGB/2012/061	Griffith University
Enhancing private sector-led development of the canarium industry in Papua New Guinea (phase 2)	FST/2017/038	Griffith University
Livelihoods in forest ecosystem recovery	FST/2020/135	Griffith University
COVID-19: gendered risks, impact and response in the Indo-Pacific: rapid research and policy guidance (COVID-19 impacts program)	LS/2020/203	Griffith University
Land management of diverse rubber-based systems in southern Philippines	SLAM/2017/040	Griffith University
Improved productivity, efficiency and sustainability of the culture-based fishery for finfish and giant freshwater prawn in Sri Lankan reservoirs	FIS/2018/157	James Cook University
Spatially integrated approach to support a portfolio of livelihoods	FIS/2020/111	James Cook University
Supporting grouper farming smallholders in Vietnam to improve their small-medium enterprise businesses by engaging with aquafeed companies to produce commercial feeds	FIS/2021/121	James Cook University
Coconut and other non-traditional forest resources for the manufacture of engineered wood products	FST/2019/128	Queensland Department of Agriculture and Fisheries
Aligning genetic resources, production and post-harvest systems to market opportunities for Pacific island and Australian cocoa	HORT/2014/078	Queensland Department of Agriculture and Fisheries
Development of area-wide management approaches for fruit flies in mango for Indonesia, Philippines, Australia and the Asia-Pacific region	HORT/2015/042	Queensland Department of Agriculture and Fisheries
An integrated management response to the spread of Fusarium wilt of banana in South-East Asia	HORT/2018/192	Queensland Department of Agriculture and Fisheries

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Protecting the coffee industry from coffee berry borer in Papua New Guinea and Australia	HORT/2018/194	Queensland Department of Agriculture and Fisheries
Improving root crop resilience and biosecurity in Pacific island countries and Australia	HORT/2018/195	Queensland Department of Agriculture and Fisheries
Developing a biosecurity system for small banana growers resilient to Fusarium wilt TR4 in southern and eastern Africa	HORT/2020/128	Queensland Department of Agriculture and Fisheries
Improving greenhouse gas inventory systems to support the mitigation ambitions of Fiji and Vietnam	WAC/2019/150	Queensland University of Technology
Regional coral restoration networks and appropriate technologies for larger-scale coral and fish habitat restoration in the Philippines and Australia	FIS/2019/123	Southern Cross University
Developing competitive and inclusive value chains of pulses in Pakistan	ADP/2017/004	The University of Queensland
Developing vegetable and fruit value chains and integrating them with community development in the southern Philippines	AGB/2017/039	The University of Queensland
Strengthening leadership, coordination and economic development of the temperate fruit industry in northern Vietnam	AGB/2018/171	The University of Queensland
Planning and establishing a sustainable smallholder rice chain in the Mekong Delta	AGB/2019/153	The University of Queensland
Developing a foundation for the long-term management of basal stem rot of oil palm in Papua New Guinea and Solomon Islands	CIM/2012/086	The University of Queensland
Weed management techniques for mechanised and broadcast lowland crop production systems in Cambodia and Laos	CROP/2019/145	The University of Queensland
Managing basal stem rot in oil palm by converting infected logs to biochar	CROP/2019/147	The University of Queensland
Demand led plant variety design for emerging markets in Africa	FSC/2013/019	The University of Queensland
Supporting agroforestry through tree improvement and gene conservation in Laos	FST/2020/119	The University of Queensland
Responding to emerging pest and disease threats to horticulture in Pacific islands	HORT/2016/185	The University of Queensland
Improving smallholder wellbeing through participation in modern value chains: sustaining future growth in the Pakistan citrus industry	HORT/2020/129	The University of Queensland
Building a business case for investment in a coconut industry in the Pacific	HORT/2020/190	The University of Queensland
Smallholder cattle enterprise development in Timor-Leste	LPS/2014/038	The University of Queensland
Sectoral analysis and investment requirements for improving Fiji and Samoa small ruminant sector	LS/2018/183	The University of Queensland
A farm planning approach to increase productivity and profitability of smallholder cattle systems in Vanuatu	LS/2018/185	The University of Queensland
Crop health and nutrient management of shallot-chilli-rice cropping systems in coastal Indonesia	SLAM/2018/145	The University of Queensland
Managing heavy metals and soil contaminants in vegetable production to ensure food safety and environmental health in the Philippines	SLAM/2020/117	The University of Queensland
Sustaining soil fertility in support of intensification of sweetpotato cropping systems	SMCN/2012/105	The University of Queensland
Pacific Agribusiness Research in Development Initiative Phase 2 (PARDI 2)	AGB/2014/057	University of the Sunshine Coast
Enhancing livelihoods through forest and landscape restoration	ASEM/2016/103	University of the Sunshine Coast
Increasing technical skills supporting community-based sea cucumber production in Vietnam and the Philippines	FIS/2016/122	University of the Sunshine Coast
Half-pearl industry development in Tonga and Vietnam	FIS/2016/126	University of the Sunshine Coast

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Accelerating the development of finfish mariculture in Cambodia through south-south research cooperation with Indonesia	FIS/2016/130	University of the Sunshine Coast
Towards more profitable and sustainable mabé pearl and shell-based livelihoods in the western Pacific	FIS/2019/122	University of the Sunshine Coast
Improving nutrition through women's and men's engagement across the seaweed food chain in Kiribati and Samoa	FIS/2019/125	University of the Sunshine Coast
Enabling community forestry in Papua New Guinea	FST/2016/153	University of the Sunshine Coast
Enhancing returns from high-value agroforestry species in Vanuatu	FST/2016/154	University of the Sunshine Coast
Promoting smallholder teak and sandalwood plantations in Papua New Guinea and Australia	FST/2018/178	University of the Sunshine Coast
Building effective forest health and biosecurity networks in South-East Asia	FST/2020/123	University of the Sunshine Coast
Enhanced fruit systems for Tonga and Samoa (phase 2): community-based citrus production	HORT/2019/165	University of the Sunshine Coast
<b>South Australia</b>		
Agriculture for tourism: research to advance a synergistic development pathway for local agribusiness value chains and tourism in Bali, with application to similar high intensity regional tourism hubs throughout Indonesia	AGB/2020/121	Primary Principles Pty Ltd
Agricultural policy research to support natural resource management in Indonesia's upland landscapes	ADP/2015/043	The University of Adelaide
Improving milk supply, competitiveness and livelihoods in smallholder dairy chains in Indonesia	AGB/2012/099	The University of Adelaide
Enhancing livelihoods through improved forest management in Nepal	FST/2017/037	The University of Adelaide
Management practices for profitable crop livestock systems for Cambodia and Laos	SMCN/2012/075	The University of Adelaide
Transforming smallholder food systems in the Eastern Gangetic Plains	WAC/2020/148	The University of Adelaide
<b>Tasmania</b>		
Harvest strategies for Indonesian tropical tuna fisheries to increase sustainable benefits	FIS/2016/116	CSIRO
Improving community fire management and peatland restoration in Indonesia	FST/2016/144	CSIRO
Blue economy: valuing the carbon sequestration potential in oyster aquaculture	FIS/2020/175	University of Tasmania
Reducing forest biosecurity threats in South-East Asia	FST/2018/179	University of Tasmania
Intensification of beef cattle production in upland cropping systems in Northwest Vietnam	LPS/2015/037	University of Tasmania
<b>Victoria</b>		
Vulnerability in the Anthropocene: a prospective analysis of the need for social protection (COVID-19 impacts program)	LS/2020/206	Monash University
Collaboration on One Health economic research for systems	LS/2019/118	Nossal Institute Limited
Rapid assessment of the impact of COVID-19 on wet market reforms: case studies from Vietnam, Kenya and the Philippines (COVID-19 impacts program)	LS/2020/204	RMIT University
Validating technologies for assessing and monitoring the impacts of re-wetting of peatland Indonesia using eddy flux towers coupled with the Chameleon sensors	SLAM/2020/118	RMIT University
Landcare - an agricultural extension and community development model at district and national scale in Fiji	SSS/2019/140	RMIT University
Uptake of agricultural technologies amongst farmers in Battambang and Pailin provinces, Cambodia	ASEM/2013/003	The University of Melbourne

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Conservation agriculture and sustainable intensification systems for transformational climate adaptation and greenhouse gas mitigation in Pacific island countries	CLIM/2020/186	The University of Melbourne
Advancing enhanced wood manufacturing industries in Laos and Australia	FST/2016/151	The University of Melbourne
Forest restoration for economic outcomes	FST/2020/137	The University of Melbourne
Improving smallholder dairy and beef profitability by enhancing farm production and value chain management in Pakistan	LPS/2016/011	The University of Melbourne
Improving farmer livelihoods by developing market-oriented small ruminant production systems in Myanmar	LS/2014/056	The University of Melbourne
Livestock climate lens Part 1: data landscape analysis	LS/2020/207	The University of Melbourne
Reducing uncertainty in greenhouse gas emissions from Indonesian peatfire	SLAM/2020/140	The University of Melbourne
Next generation agricultural extension: social relations for practice change	SSS/2019/138	The University of Melbourne
<b>Western Australia</b>		
Improving livelihoods of smallholder coffee communities in Papua New Guinea	ASEM/2016/100	Curtin University
Mechanisation and conservation agriculture-based crop-livestock innovation in eastern Africa	CROP/2020/166	Murdoch University
Investigating and developing interventions to mitigate food borne parasitic disease in production animals in Laos	LS/2014/055	Murdoch University
Nutrient management for diversified cropping in Bangladesh	LWR/2016/136	Murdoch University
Land suitability assessment and site-specific soil management for Cambodian uplands	SMCN/2016/237	Murdoch University
Analysing gender transformative approaches to agricultural development with ethnic minority communities in Vietnam	SSS/2018/139	Murdoch University
Incorporating salt-tolerant wheat and pulses into smallholder farming systems in southern Bangladesh	CIM/2014/076	The University of Western Australia
Agricultural innovations for communities for intensified and sustainable farming systems in Timor-Leste (AI-Com)	CIM/2014/082	The University of Western Australia
Faba bean in Ethiopia: mitigating disease constraints to improve productivity and sustainability	CIM/2017/030	The University of Western Australia
Rapid breeding for reduced cooking time and enhanced nutritional quality in common bean ( <i>Phaseolus vulgaris</i> )	CROP/2018/132	The University of Western Australia
Protecting Ethiopian lentil crops	CROP/2020/164	The University of Western Australia
Enhancing farm-household management decision-making for increased productivity in the Eastern Gangetic Plains	CSE/2012/108	The University of Western Australia
<b>International</b>		
Improving agricultural productivity and resilience with satellite and cell phone imagery to scale climate-smart crop insurance (CultiAF 109076)	GP/2019/177	Agriculture and Climate Risk Enterprise Limited (ACRE Africa)
Strengthening vegetable value chains in Pakistan for greater community livelihood benefits	HORT/2016/012	CABI International (Central and West Asia)
Mitigation and adaptation co-benefits modelling trial in Bangladesh	CLIM/2021/109	Colombia University
Climate-smart interventions for smallholder farmers in Ethiopia (CultiAF 109038)	GP/2019/173	Ethiopian Institute of Agricultural Research
Food loss in the catfish value chain of the Mekong River Basin (Food Loss Research Program)	CS/2020/209	Health and Agricultural Policy Research Institute
Establishing sustainable solutions to cassava diseases in mainland South-East Asia	AGB/2018/172	International Center for Tropical Agriculture
Alien invasive fruit flies in Southern Africa: Implementation of a sustainable IPM programme to combat their menaces (CultiAF 109040)	GP/2019/175	International Centre of Insect Physiology and Ecology

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Upscaling the benefits of insect-based animal feed technologies for sustainable agricultural intensification in Africa	LS/2020/154	International Centre of Insect Physiology and Ecology
Supporting an international initiative to maintain the coconut genetic resources network (COGENT)	GP/2018/193	International Coconut Community
Inclusive agriculture value chain financing	AGB/2016/163	International Food Policy Research Institute
Regional foresight for food systems in the Eastern Gangetic Plains	WAC/2020/158	International Food Policy Research Institute
Safe Pork: market-based approaches to improving the safety of pork in Vietnam	LS/2016/143	International Livestock Research Institute
Asian chicken genetic gains: a platform for exploring, testing, delivering, and improving chickens for enhanced livelihood outcomes in South-East Asia	LS/2019/142	International Livestock Research Institute
Resilient and low-carbon livestock systems for trade and food security in the rangelands of eastern and southern Africa	LS/2020/152	International Livestock Research Institute
Wheat blast resistant wheat	CROP/2020/165	International Maize and Wheat Improvement Center
Building institutions for the sustainable management of artesian groundwater in Myanmar	SSS/2018/135	International Water Management Institute
Opportunities for brackish and saline aquaculture in Pakistan	WAC/2020/179	International Water Management Institute
Harnessing dietary nutrients of underutilised fish and fish-based products in Uganda (CultiAF 109041)	GP/2019/176	Makerere University Uganda
Managing food value chains for improved nutrition for urban vulnerable populations in Africa (Africitiesfood) (Food Loss Research Program) - Malawi	CS/2021/115	Mzuzu University
Safeguarding and deploying coconut diversity for improving livelihoods in the Pacific islands	HORT/2017/025	Pacific Community
Developing food loss reduction pathways through smart business practices in mango and tomato value chains in Pakistan and Sri Lanka (Food Loss Research Program)	CS/2020/193	Quaid-e-Azam University
Adopting a gender-inclusive participatory approach to reducing horticultural food loss in the Pacific (Food Loss Research Program)	CS/2020/191	Scientific Research Organisation of Samoa
International Mungbean Improvement Network 2	CROP/2019/144	The World Vegetable Center
User driven approaches to make government and farmer led smallholder irrigation in Mozambique more productive (CultiAF 109039)	GP/2019/174	University of Eduardo Mondlane
Managing food value chains for improved nutrition for urban vulnerable populations in Africa (Africitiesfood) (Food Loss Research Program) - Zambia	CS/2020/210	University of Zambia
Increasing the sustainability, productivity and economic value of coffee and black pepper farming systems and value chains in the Central Highlands region of Vietnam	AGB/2018/175	World Agroforestry Centre
Developing and promoting market-based agroforestry options and integrated landscape management for smallholder forestry in Indonesia (Kanoppi2)	FST/2016/141	World Agroforestry Centre
Developing and promoting market-based agroforestry and forest rehabilitation options for northwest Vietnam	FST/2016/152	World Agroforestry Centre
Development of rice fish systems in the Ayeyarwady Delta, Myanmar	FIS/2016/135	WorldFish Center
A nutrition-sensitive approach to coastal fisheries management and development in Timor-Leste and Nusa Tenggara Timur Province, Indonesia	FIS/2017/032	WorldFish Center