

Carlos Kamoto plants maize with his wife Margret in Kasangu, Malawi. Carlos was a participating farmer in the recently ended Sustainable Intensification of Maize-Legume Cropping Systems for Food Security in Eastern and Southern Africa (SIMLESA) project. Photo: Peter Lowe.



# 8

## Appendices



## Appendix 1

### Details of current and proposed projects and short research activities, 2020-21

Project title	Project code	Start	End	Project leader	Commissioned organisation	Collaborating institutions
<b>Agribusiness</b>						
Policy and institutional reforms to improve horticultural markets in Pakistan	ADP/2014/043	1/01/2016	31/12/2020	Prof Jeffrey LaFrance	Monash University	The University of Queensland, Macquarie University, Pakistan Agricultural Research Council, Pakistan Agricultural Coalition, Sindh Agriculture University, School of Economics, Quaid-e-Azam University, University of Agriculture, Faisalabad Arid Agriculture University, Rawalpindi School of Advanced Agricultural Sciences, Peking University
Agricultural policy research to support natural resource management in Indonesia's upland landscapes	ADP/2015/043	21/03/2018	31/12/2021	Prof Randy Stringer	The University of Adelaide	Australian National University, Indonesian Centre for Agricultural Socio Economic and Policy Studies, University of New England, World Agroforestry Centre, World Wild Fund for Nature - Indonesia
Developing competitive and inclusive value chains of pulses in Pakistan	ADP/2017/004	1/09/2018	31/12/2021	Dr Rajendra Adhikari	University of Tasmania	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, Bogor Agricultural University, Bogor Agricultural University, Indonesian Centre for Agriculture Socio Economic and Policy Studies, Pakistan Institute of Development Economics, Planning Commission
Policy drivers for public-private partnerships in Pacific organics: improving extension policy through an evidence-based approach	ADP/2018/131	26/06/2018	28/02/2021	Dr Christine Jacobson	University of the Sunshine Coast	—
Evaluating smallholder livelihoods and sustainability in Indonesian coffee and cocoa value chains	AGB/2010/099	1/03/2014	31/12/2020	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	30/06/2021	Dr Robin Roberts	Griffith University	Centre international pour la recherche agronomique pour le développement, 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
Developing value-chain linkages to enhance the adoption of profitable and sustainable cassava production systems in Vietnam and Indonesia	AGB/2012/078	1/01/2016	30/09/2020	Dr Dominic Smith	The University of Queensland	International Center for Tropical Agriculture, Northern Mountainous Agriculture and Forestry Science Institute, Indonesian Legume and Tuber Crops Research Institute, Tay Nguyen University, Brawijaya University

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Improving milk supply, competitiveness and livelihoods in smallholder dairy chains in Indonesia	AGB/2012/099	13/06/2016	30/06/2021	Dr 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	28/02/2021	Dr Gordon S Rogers	Applied Horticultural Research	Centre international pour la recherche agronomique pour le développement, 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
Pacific Agribusiness Research in Development Initiative - phase 2 (PARDI 2)	AGB/2014/057	12/06/2017	31/05/2021	Dr Lex Thomson	University of the Sunshine Coast	Pacific Community Fiji, Pacific Island Farmers Organisation Network, Pacific Islands Development Forum, Pacific Islands Private Sector Organization, Southern Cross University, The University of Adelaide, The University of Queensland, University of the South Pacific
Inclusive agriculture value chain financing	AGB/2016/163	25/06/2018	31/01/2023	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 (IPA) Myanmar, Institute of Policy and Strategy for Agriculture and Rural Development, Myanmar Economics Association, The University of Sydney
Enhancing smallholder linkages to markets by optimising transport and logistics infrastructure	AGB/2017/036	12/03/2019	31/12/2020	Dr Chris Chilcott	CSIRO Land and Water	—
Developing vegetable and fruit value chains and integrating them with community development in the southern Philippines	AGB/2017/039	1/07/2018	30/06/2021	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	AGB/2018/172	23/08/2019	30/06/2023	Dr Jonathan Newby	International Center for Tropical Agriculture	Agricultural Genetics Institute, General Directorate of Agriculture, Deakin University, 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	1/10/2020	30/06/2024	Dr Estelle Bienebe	World Agroforestry Centre	The University of Sydney, International Center for Tropical Agriculture, Deakin University, Institute of Policy and Strategy for Agriculture and Rural Development, Nong Lam University, Tay Nguyen University, Western Highlands Agriculture and Forestry Science Institute, National Institute of Agricultural Planning and Projection, Plant Protection Research Institute

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Inclusive agribusiness-led development for high-value fruit and vegetable in the southern Philippines	AGB/2018/196	2/03/2021	1/03/2025	Dr Lilly Lim-Camacho	CSIRO Agriculture and Food	—
Off-farm: strategic review and planning for enhancing the livelihoods of coffee and pepper smallholders in the Central Highlands of Vietnam through improving stakeholders' participation in agribusiness led value chains	AGB/2018/208	15/06/2019	30/12/2020	Dr Estelle Biennabe	World Agroforestry Centre	—
A theory of change for inclusive value chains in the Philippines	AGB/2019/100	15/06/2019	31/03/2021	Dr Oleg Nicetic	The University of Queensland	—
Planning and establishing a sustainable smallholder rice chain in the Mekong Delta	AGB/2019/153	1/01/2021	30/06/2024	Dr Jacque Mitchell	The University of Queensland	NSW Department of Primary Industries, Ang Giang University, Can Tho University, Cua Long Rice Research Institute, Australian Grain Storage Australia Pty Ltd, Ricegrowers Vietnam, Rice Research Australia Pty Ltd
Market and opportunity analysis to guide market-led development of the Myanmar pulse sector	AGB/2019/154	30/03/2020	30/06/2021	Ms Deb Doan	Business for Millennium Development Ltd	—
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	31/12/2020	Assoc Prof Thao Ancev	The University of Sydney	—
Philippines smallholder dairy: landscape analysis and research priorities	AGB/2020/120	15/06/2020	14/06/2021	Prof Wendy Umberger	The University of Adelaide	—
Agriculture for tourism – advancing a synergistic development pathway for both local agribusiness value chains and tourism in Bali, Indonesia	AGB/2020/121	15/06/2020	30/06/2021	Mr Jeremy Badgery-Parker	Primary Principles Pty Ltd	—
<b>Climate Change</b>						
Conservation agriculture and sustainable intensification of smallholder farming systems in Pacific countries as a pathway to transformational climate change adaptation and reducing GHG emissions	CROP/2020/185	22/06/2020	18/06/2021	Prof Timothy Reeves	The University of Melbourne	—
Climate change and Pacific food systems: decision-making for transformational change (proof-of-concept)	WAC/2019/148	20/06/2019	28/02/2021	Dr Michael Battaglia	CSIRO Agriculture and Food	—

<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>
Emissions avoidance of soil carbon from lands undergoing practice change	WAC/2019/149	20/06/2019	30/10/2020	Prof Deli Chen	The University of Melbourne	—
Supporting greenhouse gas mitigation for sustainable farming systems in the Asia-Pacific and East Africa	WAC/2019/150	1/10/2020	30/09/2023	Prof Peter Grace	Queensland University of Technology	—
Food futures for the food systems in the Eastern Gangetic Plains (SDIP)	WAC/2020/158	11/06/2020	30/05/2021	Dr Avinash Kishore	International Food Policy Research Institute	—
<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	30/06/2021	Assoc Prof Ian Godwin	The University of Queensland	Guadalcanal Plains Palm Oil Limited, 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	31/08/2021	Prof William Erskine	The University of Western Australia	Bangladesh Agricultural Research Institute, Bangladesh Agricultural University, CSIRO Agriculture Flagship, Department of Agricultural Extension
Establishing the International Mungbean Improvement Network	CIM/2014/079	1/01/2016	31/12/2020	Dr Ramakrishnan Nair	The World Vegetable Center	Department of Agricultural Research, Indian Institute of Pulses Research, Qld Department of Agriculture and Fisheries, Bangladesh Agricultural Research Institute, Kenya Agricultural and Livestock Research Organisation, National Agricultural Research Organization, Tanzania Agricultural Research Institute
Mitigating the effects of stripe rust on wheat production in South Asia and eastern Africa	CIM/2014/081	1/08/2016	30/06/2021	Prof Robert Park	The University of Sydney	NSW Department of Primary Industries, Directorate of Wheat Research, Pakistan Agricultural Research Council, Nepal Agricultural Research Council, Ethiopian Institute of Agricultural Research
Agricultural innovations for communities for intensified and sustainable farming systems in Timor-Leste (AI-Com)	CIM/2014/082	1/10/2016	30/09/2021	Prof William Erskine	The University of Western Australia	Ministry of Agriculture and Fisheries, National University of Timor Lorosae, 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	30/10/2021	Dr Ata-ur Rehman	Charles Sturt University	Muhammad Nawaz Sharif University of Agriculture, Multan, Punjab, Pakistan Agricultural Research Council, Sindh Agriculture University, University of Arid Agricultural Rawalpindi
Improved mungbean harvesting and seed production systems for Bangladesh, Myanmar and Pakistan	CIM/2016/174	14/07/2017	30/06/2021	Dr Ramakrishnan Nair	The World Vegetable Center	Bangladesh Agricultural Research Institute, Department of Agricultural Research, Pakistan Agricultural Research Council
Identification of sources of resistance to wheat blast and their deployment in wheat varieties adapted to Bangladesh	CIM/2016/219	1/07/2017	30/06/2021	Dr Pawan Kumar Singh	International Maize and Wheat Improvement Center	Bangladesh Agricultural Research Institute, National Institute of Agricultural and Forestry Innovation

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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 Bartetti	The University of Western Australia	Debre Berhan Agricultural Research Centre, Ethiopian Institute of Agricultural Research, International Center for Agricultural Research in the Dry Areas, NSW Department of Primary Industries
Protection of stored grains against insect pests	CIM/2017/031	1/07/2019	30/06/2021	Dr David Eagling	Davren Global Pty Ltd	Tropical Pesticides Research Institute, Ministry of Agriculture Food Security Cooperative
Rapid breeding for reduced cooking time and enhanced nutritional quality in common bean ( <i>Phaseolus vulgaris</i> )	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, International Center for Tropical Agriculture, Kenya Agricultural and Livestock Research Organisation, Maruku Agricultural Research Institute, National Crops Resources Research Institute, Rwanda Agriculture and Animal Resources Development Board
Identifying soil constraints in the Eastern Gangetic Plains (SDIP)	CROP/2018/210	1/12/2018	31/12/2020	Dr Neal Menzies	The University of Queensland	Uttar Banga Krishi Vishwavidyalaya, Bangladesh Agricultural Research Institute, Nepal Agricultural Research Council
Plant health—a major challenge to achieving sustainable “green” agriculture in Myanmar	CROP/2019/103	10/04/2019	1/12/2020	Dr Sivapragasam Annamalai	Centre for Agriculture and Bioscience International	Myanmar Agricultural Service
International Mungbean Improvement Network – phase 2	CROP/2019/144	1/07/2020	30/06/2025	Dr Ramakrishnan Nair	The World Vegetable Center	Qld Department of Agriculture and Fisheries, Bangladesh Agricultural Research Institute, Indian Institute of Pulses Research, Indonesian Legume and Tuber Crops Research Institute, Kenya Agricultural and Livestock Research Organisation, Department of Agricultural Research
Weed management techniques for mechanised and broadcast lowland crop production systems in Cambodia and Laos	CROP/2019/145	1/09/2020	30/06/2025	Dr Jaquie Mitchell	The University of Queensland	Cambodia Agricultural Research and Development Institute, National Agricultural and Forestry Research Institute, Laos, ROYAL UNIVERSITY OF AGRICULTURE
Managing basal stem rot in oil palm by converting infected logs to biochar	CROP/2019/147	1/07/2020	31/12/2021	Dr Agneszka Mudge	The University of Queensland	PNG Oil Palm Research Association
Characterisation of <i>Spodoptera frugiperda</i> (fall armyworm) populations in South-East Asia and northern Australia (co-funded with GRDC)	CROP/2020/144	1/06/2020	30/06/2021	Dr Wee Tek Tay	CSIRO Agriculture and Food	University of Gadjah Mada, Plant Protection Research Institute of Vietnam, Department of Agriculture Lao PDR, Department of Agricultural Research Myanmar, Cambodian Agricultural Research and Development Institute, De La Salle University, Centre for Agriculture and Bioscience International
Sustainable and resilient farming systems intensification in the Eastern Gangetic Plains (SRFSI) (SDIP)	CSE/2011/077	12/05/2014	30/06/2021	Dr Brendan Brown	International Maize and Wheat Improvement Center	Bangladesh Agricultural Research Council, Bangladesh Agricultural Research Institute, Rangpur Dinaipur Rural Service, Indian Council of Agricultural Research, Nepal Agricultural Research Council, CSIRO Ecosystem Sciences, iDE, Department of Agricultural Extension, Bihar Agricultural University, Uttar Banga Krishi Vishwavidyalaya, JEEViKA, Nepal Department of Agriculture, Curtin University of Technology, University of New England, International Food Policy Research Institute, International Water Management Institute, The University of Queensland

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Enhancing farm-household management decision-making for increased productivity in the Eastern Gangetic Plains	CSE/2012/108	1/07/2018	31/10/2021	Dr Fay Rola-Rubzen	The University of Western Australia	Bihar Agricultural University, Nepal Agricultural Research Council, Raishahi University, Rangpur Dinaljpur Rural Service, University of New England, Uttar Banga Krishi Vishwavidyalaya
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
Demand-led plant variety design for emerging markets in Africa	FSC/2013/019	26/06/2014	31/12/2021	Prof Kaye Bastford	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, Biosciences eastern and central Africa , Crawford Fund, Forum for Agricultural Research in Africa, International Livestock Research Institute, Pan Africa Bean Research Alliance , Regional Universities Forum for Capacity Building in Agriculture, Syngenta Foundation for Sustainable Agriculture (SFSA), University of Nairobi, West Africa Centre for Crop Improvement (WACCI), University of Ghana, West and Central African Council for Agricultural Research and Development
<b>Fisheries</b>						
Quantifying biophysical and community impacts of improved fish passage in Laos and Myanmar	FIS/2014/041	1/01/2016	30/06/2021	Prof Lee Baumgartner	Charles Sturt University	National University of Laos, Living Aquatic Resources Research Centre, University of South Australia
Developing pearl industry-based livelihoods in the western Pacific	FIS/2014/060	1/09/2015	30/06/2021	Prof Paul Southgate	University of the Sunshine Coast	James Cook University, National Fisheries Authority, Ministry of Agriculture and food forests and fisheries, Ministry of Fisheries and Forests
Improving technical and institutional capacity to support development of mariculture-based livelihoods and industry in New Ireland, Papua New Guinea	FIS/2014/061	1/03/2016	31/03/2021	Prof Paul Southgate	University of the Sunshine Coast	National Fisheries Authority, James Cook University
Restoring damaged coral reefs using mass coral larval reseeding	FIS/2014/063	1/07/2015	31/05/2021	Prof Peter Harrison	Southern Cross University	University of the Philippines, Australian National University
Improving seaweed production and processing opportunities in Indonesia	FIS/2015/038	1/08/2016	31/01/2021	Prof Nick Paul	University of the Sunshine Coast	Agency for Marine and Fisheries Research and Human Resources, Hasanuddin University
Improving fishery management in support of better governance of Myanmar's inland and delta fisheries	FIS/2015/046	1/01/2017	31/03/2021	Mr Mike Akester	WorldFish Center	Ministry of Agriculture, Livestock and Irrigation
Harvest strategies for Indonesian tropical tuna fisheries to increase sustainable benefits	FIS/2016/116	26/02/2018	31/12/2021	Dr Campbell Davies	CSIRO Oceans and Atmosphere	Agency for Research and Human Resources Development Marine and Fisheries, Indonesia

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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	Guizhou Development Foundation Incorporated, Marine Science Institute – University of the Philippines, Mindanao State University at Naawan, Southeast Asian Fisheries Development Centre
Half-pearl industry development in Tonga and Vietnam	FIS/2016/126	1/09/2017	30/06/2021	Prof Paul Southgate	University of the Sunshine Coast	Ministry of Agriculture Food and Forests, Ministry of Agriculture and Rural Development
Accelerating the development of finfish mariculture in Cambodia through south-south research cooperation with Indonesia	FIS/2016/130	13/12/2017	30/06/2021	Prof Nick Paul	University of the Sunshine Coast	Fisheries Administration, Research Institute for Coastal Aquaculture, Institute for Mariculture Research and Development Gondol, NSW 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 Phillips	WorldFish Center	Department of Agricultural, International Rice Research Institute, Ministry of Agriculture, Livestock and Irrigation
Strengthening and scaling community-based approaches to Pacific coastal fisheries management in support of the New Song	FIS/2016/300	6/09/2017	31/12/2021	Dr Neil Andrew	University of Wollongong	Fisheries Department, Ministry of Fisheries and Marine Resources, Ministry of Fisheries and Marine Resources Development, Secretariat of the Pacific Community, University of Wollongong, WorldFish Center
Assessing upstream fish migration measures at Xayaburi Dam in Laos	FIS/2017/017	1/09/2019	31/08/2022	Prof Lee Baumgartner	Charles Sturt University	Living Aquatic Resources Research Centre, National University of Laos, Xayaburi Power
A nutrition-sensitive approach to coastal fisheries management and development in Timor-Leste and Nusa Tenggara Timur Province, Indonesia	FIS/2017/032	1/09/2020	31/08/2024	Dr David Mills	WorldFish Center	CSIRO, Ministry of Agriculture and Fisheries, Timor-Leste, Research Centre for Marine and Fisheries Socio-economics Indonesia, WorldFish Center
Evaluating processes and outcomes in south-south research collaboration—finfish mariculture development in Cambodia through cooperation with Indonesia	FIS/2018/115	20/06/2018	30/06/2021	Dr Janelle Allison	University of Tasmania	—
Baseline monitoring and evaluation of long-term impacts on fish stocks from coral restoration	FIS/2018/128	25/06/2018	30/06/2021	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	1/09/2020	31/08/2025	Dr Jesmond Sammut	University of New South Wales	Australian Nuclear Science and Technology Organisation, CSIRO National Collections and Marine Infrastructure, James Cook University, National Fisheries Authority, University of Papua New Guinea, University of Tasmania
Translating fish passage research outcomes into policy and legislation across South-East Asia	FIS/2018/153	1/01/2020	31/12/2023	Prof Lee Baumgartner	Charles Sturt University	Charles Sturt University, Ministry of Agriculture, Livestock and Irrigation, Ministry of Marine Affairs and Fisheries, National University of Laos
Improving peri-urban and remote inland fish farming in Papua New Guinea to benefit both community-based and commercial operators	FIS/2018/154	1/09/2020	30/08/2025	Dr Jesmond 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 agri-food system analyses for the Pacific region	FIS/2018/155	1/08/2019	31/12/2022	Dr Neil Andrew	University of Wollongong	CSIRO, Pacific Community Fiji, 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	1/04/2020	31/12/2023	Dr Clive Jones	James Cook University	James Cook University, National Aquaculture Development Authority, University of Ruhuna, Wayamba University of Sri Lanka
Towards more profitable and sustainable pearl-industry based livelihoods in the western Pacific	FIS/2019/122	1/01/2021	31/12/2025	Prof Paul Southgate	University of the Sunshine Coast	The Pacific Community, Ministry of Fisheries and Forests Fiji, Ministry of Agriculture Forests Food and Fisheries Tonga, Ministry of Agriculture and Fisheries Samoa, National Fisheries College Papua New Guinea
Regional networks for large-scale coral and fish habitat restoration in the Philippines	FIS/2019/123	1/10/2020	30/09/2025	Prof Peter Harrison	Southern Cross University	University of the Philippines, Queensland University of Technology, The University of Melbourne, University of Technology Sydney
Innovating fish-based livelihoods in the community economies of Timor-Leste and Solomon Islands	FIS/2019/124	1/10/2020	30/06/2024	Dr Hampus Eriksson	University of Wollongong	University of Canberra, WorldFish Center
Improving nutrition through women's and men's engagement across the seaweed food chain in Kiribati and Samoa	FIS/2019/125	1/10/2020	31/30/2022	Dr Libby Swanepoel	University of the Sunshine Coast	—
<b>Forestry</b>						
Building effective forest health and biosecurity networks in SE Asia	FST 2020/123	1/01/2021	30/04/2020	Dr Simon Lawson	University of the Sunshine Coast	University of Tasmania
Enhancing value-added products and environmental benefits from agroforestry systems in Papua New Guinea and the Pacific	FST/2014/067	1/10/2015	31/03/2021	Prof Helen Wallace	Griffith University	Ministry of Commerce, Industry, Labour and Immigration, Ministry of Trade, Commerce, Industry and Tourism, National Agricultural Research Institute, Southern Cross University, The University of Adelaide
Developing integrated options and accelerating scaling up of agroforestry for improved food security and resilient livelihoods in Eastern Africa (Trees for Food Security phase 2)	FST/2015/039	1/01/2017	31/12/2020	Dr Catherine Muthuri	World Agroforestry Centre	African Network for Agriculture, Agroforestry and Natural Resources Education, CSIRO Ecosystem Sciences, Ethiopian Environment and Forest Research Institute, Makerere University Uganda, Mbale Coalition Against Poverty, Mekelle University, National Forestry Resources Research Institute, Oromiya Agricultural Research Institute, Rwanda Agriculture Board, Rwanda Farmers Federation IMBARAGA, University of Rwanda, World Vision
Enhancing community-based commercial forestry in Indonesia	FST/2015/040	7/04/2016	30/06/2021	Associate Professor Digby Race	University of the Sunshine Coast	Australian Agroforestry Foundation, Forestry Research, Development and Innovation Agency, Gadjah Mada University, Trees 4 Trees, University of Mataram
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	Mr Aulia Perdama	World Agroforestry Centre	Center for International Forestry Research, Department of Employment, Economic Development and Innovation, Farm Forestry Consortium, Murdoch University, Threads of Life, Indonesia Textile Arts Centre, University of Mataram, World Wild Fund for Nature - Indonesia
Improving community fire management and peatland restoration in Indonesia	FST/2016/144	1/12/2017	31/12/2021	Dr Daniel Mendham	CSIRO Land and Water	Australian National University, Forestry Research, Development and Innovation Agency, RMIT University

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Improving agroforestry policy for sloping land in Fiji	FST/2016/147	14/12/2018	30/09/2021	Dr Tyron Venn	The University of Queensland	Australian National University, Ministry of Agriculture, Ministry of Fisheries and Forests, Queensland University of Technology, University of the South Pacific
Advancing enhanced wood manufacturing industries in Laos and Australia	FST/2016/151	1/04/2017	30/09/2021	Dr Hilary Smith	The University of Melbourne	Australian National University, Luang Prabang Teak Program, National University of Laos, Queen'sland Dept of Agriculture & Fisheries
Developing and promoting market-based agroforestry and forest rehabilitation options for Northwest Vietnam	FST/2016/152	1/04/2017	30/08/2021	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	Mr Grahame Applegate	University of the Sunshine Coast	Papua New Guinea Forest Authority, Papua New Guinea Forest Authority Goroka Office, Papua New Guinea Forest Research Institute, Ramu Agri-Industries Ltd, Timber and Forestry Training College of the PNG University of Technology
Enhancing returns from high-value agroforestry species in Vanuatu	FST/2016/154	1/06/2017	30/06/2021	Dr Tony Page	University of the Sunshine Coast	Department of Industry, Southern Cross University
Domestication and breeding of sandalwood in Fiji and Tonga	FST/2016/158	26/06/2017	31/01/2021	Mr David Bush	CSIRO National Research Collections	Pacific Australia Reforestation Co Ltd, Secretariat of the Pacific Community
Enhancing livelihoods through improved forest management in Nepal	FST/2017/037	1/07/2018	30/06/2023	Dr Ian Nuberg	The University of Adelaide	Department of Forest Research and Survey Nepal, Department of Forests, ForestAction Nepal, Nepal Agroforestry Foundation, UNIVERSITY OF CANBERRA (Research), 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	31/12/2022	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	1/01/2021	31/12/2024	Dr Tony Page	University of the Sunshine Coast	Papua New Guinea Forest Authority, Papua New Guinea Forest Research Institute, University of Natural Resources & Environment, Organisation for Industrial, Spiritual & Cultural Advancement, Women and Youth in Agriculture
Managing risk in South-East Asian forest biosecurity	FST/2018/179	1/09/2020	31/08/2024	Dr Caroline Mohammed	University of Tasmania	Centre for Forest Biotechnology and Tree Improvement, Forestry Research and Development Agency, NSW Department of Primary Industries, Vietnamese Academy of Forest Sciences, National Agriculture and Forestry Research Institute
Policy analysis for forest plantations Laos and Vietnam	FST/2019/121	26/06/2019	18/12/2020	Prof Rod Keenan	The University of Melbourne	National Agriculture and Forestry Research Institute, Vietnamese Academy of Forest Sciences, National University of Laos

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Coconut and other non-traditional forest resources for the manufacture of engineered wood products	FST/2019/128	1/07/2020	30/06/2025	Dr Rob McGavin	Queensland Department of Agriculture and Fisheries	Fiji Ministry of Forestry, Pacific Community, The University of Queensland, South Pacific University, Griffith University
Scoping for a forest biossecurity network in South-East Asia	FST/2020/102	17/02/2020	16/08/2020	Dr Madaline Healey	University of the Sunshine Coast	University of the Sunshine Coast, University of Tasmania, National Agriculture and Forestry Research Institute
Supporting agroforestry through tree improvement and gene conservation in Laos	FST/2020/119	18/05/2020	17/10/2021	Associate Professor Mark Dieters	The University of Queensland	National Agriculture and Forestry Research Institute, Sophsanavong University, Northern Agriculture and Forestry College
<b>Horticulture</b>						
Supporting an international initiative to maintain the coconut genetic resources network (COGENT)	GP/2018/193	1/01/2020	31/12/2021	Dr Jelfina Alouw	International Coconut Community	—
Enhanced fruit production and postharvest handling systems for Fiji, Samoa and Tonga	HORT/2014/077	1/01/2016	30/12/2020	Prof Steven Underhill	University of the Sunshine Coast	Fiji National University, Ministry of Agriculture and Food, Forests and Fisheries, Scientific Research Organisation of Samoa, Secretariat of the Pacific Community, Sigatoka Research Station, The University of Queensland
Aligning genetic resources, production and post-harvest systems to market opportunities for Pacific Island and Australian cocoa	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, Secretariat of the Pacific Community, The University of Adelaide
Integrating protected-cropping systems into high value vegetable value chains in the Pacific and Australia	HORT/2014/080	1/04/2017	31/12/2020	Prof Phil Brown	Central Queensland University	Ministry of Agriculture and Food, Forests and Fisheries, Queensland Dept of Agriculture & Fisheries, Secretariat of the Pacific Community, 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	Dr 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	31/12/2021	Prof David Guest	The University of Sydney	Autonomous Region of Bougainville Dept of Primary Industries and Marine Resources, Cocoa Coconut Institute of Papua New Guinea, Mars Australia, University of Natural Resources and Environment
Enterprise-driven transformation of family cocoa production in East Sepik, Madang, New Ireland and Chimbu Provinces of Papua New Guinea	HORT/2014/096	25/03/2016	28/02/2021	Dr Phil Keane	La Trobe University	Cocoa Coconut Institute of Papua New Guinea, Curtin University, University of Natural Resources and Environment
Supporting commercial sweetpotato production and marketing in the Papua New Guinea highlands	HORT/2014/097	1/03/2016	28/02/2021	Prof Phil Brown	Central Queensland University	Australian National University, Fresh Produce Development Agency Ltd, National Agricultural Research Institute, Queensland Dept of Agriculture & Fisheries

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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, Indonesian Centre for Agriculture Socio Economic and Policy Studies, Indonesian Centre for Horticulture Research and Development, Provincial Agriculturist Office, University of Gadjah Mada, 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	31/12/2021	Dr Babar Bajwa	CABI	Agriculture Research Institute, Pakistan, Department of Agriculture Extension Punjab, Mojaz Foundation, National Agricultural Research Centre, Sindh Agricultural University, Sindh Department of Agriculture Extension, University of Agriculture Faisalabad, The University of Queensland, Women Agriculture Development Organisation
Responding to emerging pest and disease threats to horticulture in the Pacific Islands	HORT/2016/185	1/04/2018	30/09/2023	Dr Michael Furlong	The University of Queensland	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 Fiji, Solomon Islands National University, University of Gorkha University
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 Philippines, East West Seed Company Inc, Landcare Foundation of the Philippines Inc, NSW Department of Primary Industries, Visayas State University
Integrated crop management for mango in Cambodia and the Philippines to meet market quality standards	HORT/2016/190	1/07/2019	30/06/2024	Dr Cameron McConchie	Department of Primary Industry and Fisheries (NT)	—
Safeguarding and deploying coconut diversity for improving livelihoods in the Pacific Islands	HORT/2017/025	1/05/2019	31/12/2024	Dr Carmel Pilotti	Secretariat of the Pacific Community	Kokonas Industri Koporesen, 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	HORT/2018/192	1/01/2020	31/12/2024	Mr Anthony Pattison	Queensland Department of Agriculture and Fisheries	Australian Banana Growers Council, Horticultural Research Centre, 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, PNG Coffee Industry Corporation, University of the Sunshine Coast
Preparedness and management of huānglóngbing (citrus greening disease) to safeguard the future of citrus industry in Australia, China and Indonesia	HORT/2019/164	1/01/2021	30/12/2025	Dr Jianhua Mo	New South Wales Department of Primary Industries	University of Gadjah Mada

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Enhanced fruit systems for Tonga, Samoa and Fiji (phase 2); community-based citrus production	HORT/2019/165	1/01/2021	30/12/2024	Prof Steven Underhill	University of the Sunshine Coast	The University of Queensland
<b>Livestock Systems</b>						
Strengthening incentives for improved grassland management in China and Mongolia	ADP/2012/107	1/09/2015	31/12/2020	Dr Colin Brown	The University of Queensland	Chinese Academy of Agricultural Sciences, Ministry of Food and Agriculture of Mongolia, Mongolia University of Life Sciences, Charles Sturt University, Australian National University, CSIRO
Profitable feeding strategies for smallholder cattle in Indonesia	LPS/2013/021	1/01/2017	30/06/2021	Dr Karen Harper	The University of Queensland	Assessment Institute for Agricultural Technology, NTB, Sulawesi, Balai Pengkajian Teknologi Pertanian (BPTP) NTB, Balai Pengkajian Teknologi Pertanian (BPTP), Malang East Java, Balai Pengkajian Teknologi Pertanian Yogyakarta, Department of Primary Industry and Fisheries, Northern Territory, University of Brunei, Brunei Darussalam, University of Gadjah Mada, University of Jember, University of Mataram, University of Tadulako
Smallholder cattle enterprise development in Timor-Leste	LPS/2014/038	1/02/2016	31/03/2021	Dr Geoffry Fordyce	The University of Queensland	Ministry of Agriculture and Fisheries, National University of Timor Lorosae, 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 Coopération Internationale en Recherche Agronomique pour le Développement, 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	30/09/2021	Dr David McGill	The University of Melbourne	Charles Sturt University, Sindh Agriculture 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, Coffee Industry Corporation, Department of Agriculture and Livestock, Fiji Beekeepers Association, Ministry of Agriculture
Investigating and developing interventions to mitigate food borne parasitic disease in production animals in Lacs	LS/2014/055	1/09/2020	31/12/2023	Dr Amanda Ash	Murdoch University	CSIRO, National University of Lao, Ministry of Health
Improving farmer livelihoods by developing market-oriented small ruminant production systems in Myanmar	LS/2014/056	1/03/2019	31/12/2022	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	31/10/2022	Dr Dianne Mayberry	CSIRO Agriculture and Food	Livestock Breeding and Veterinary Department, The University of Melbourne, University of Veterinary Science, Yezin Agricultural University

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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	31/12/2021	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	31/03/2023	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
Evaluating the opportunities for smallholder livestock keepers in Timor-Leste	LS/2017/035	1/05/2019	31/12/2020	Dr Dominic Smith	The University of Queensland	Ministry of Agriculture and Fisheries
Enhancing small ruminant production to benefit farming families in Sindh and Punjab, Pakistan	LS/2018/105	1/11/2018	30/06/2021	Dr Rebecca Doyle	The University of Melbourne	National Rural Support Programme, Sindh Agricultural University, Sindh Livestock and Dairy Development Department, University of Animal and Veterinary Sciences, Lahore
Smallholder livestock futures in South-East Asia	LS/2018/107	12/04/2019	30/09/2020	Dr Mario Herrero	CSIRO Agriculture and Food	—
Sectoral analysis and investment requirements for improving the Fiji and Samoa small ruminant sector	LS/2018/183	1/07/2020	31/12/2021	Dr Rodd Dyer	The University of Queensland	—
Establishing the linkages between foodborne bacterial enteropathies and malnutrition in Timor-Leste	LS/2018/184	14/01/2019	30/06/2021	Dr Ben Polkinghorne	Australian National University	—
Promoting business development pathways for more productive and profitable smallholder cattle systems in Vanuatu	LS/2018/185	1/10/2020	30/09/2024	Dr Simon Quigley	The University of Queensland	—
Forages—taking stock and identifying research needs	LS/2018/186	1/06/2019	31/12/2020	Dr Lava Yadav	The University of Queensland	—
Integrating approaches for estimating greenhouse gas emissions from forests and livestock in Kenya	LS/2018/202	14/01/2019	31/12/2020	Dr Geoff Roberts	The Mullion Group Pty Ltd	—
Scoping livestock research opportunities in Africa	LS/2018/205	19/06/2019	30/12/2020	Dr Dawit Solomon	Climate Change and Food Security program (CGIAR)	—
A One Health approach to establish surveillance strategies for Japanese encephalitis and zoonotic arboviruses in Papua New Guinea (One Health)	LS/2018/213	21/02/2019	30/06/2021	Dr David Williams	CSIRO Australian Animal Health Laboratory	—

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Zoonotic malaria in Indonesia (One Health)	LS/2018/214	18/03/2019	31/12/2020	Professor Nicholas Anstey	Menzies School of Health Research	—
Drug sensitive and resistant tuberculosis and zoonotic infections as causes of lymphadenitis in three provinces in Papua New Guinea (One Health)	LS/2018/217	15/04/2019	30/06/2021	Dr Philipp Du Cros	Burnet Institute	—
Evaluating zoonotic malaria transmission and agricultural and forestry land use in Indonesia (One Health)	LS/2019/116	1/01/2020	30/06/2022	Dr 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 (One Health)	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
Enhancing the management of antimicrobial resistance in Fiji (One Health)	LS/2019/119	1/01/2020	30/06/2022	Dr Paul Debarro	CSIRO Health & Biosecurity	Fiji National University, Ministry of Health and Medical Services, University of South Australia, University of Technology Sydney
Asian chicken genetic gains: a platform for testing, delivering, and improving chickens for enhanced livelihood outcomes in South-East Asia	LS/2019/142	1/07/2020	30/06/2024	Dr Tadelle Dessie	International Livestock Research Institute	—
Improved animal health surveillance in Timor-Leste	LS/2019/158	15/02/2020	30/03/2021	Dr Paul Hick	The University of Sydney	The University of —
Value-adding to existing livestock programs to understand and quantify the implications of greenhouse gas emissions, provide options for emissions reduction and inform in-country policy development	LS/2019/159	1/07/2020	30/06/2023	Dr Paul (Long) Chen	The University of Melbourne	Ag Research New Zealand
<b>Social Sciences</b>						
Improving the methods and impacts of agricultural extension in conflict areas of Mindanao, Philippines	ASEM/2012/063	1/10/2013	30/06/2021	Dr Mary Johnson	RMIT University	Landcare Foundation of the Philippines Inc, University of the Philippines at Los Banos, University of the Philippines, Mindanao
Improving food security in the northern uplands of Laos: identifying drivers and overcoming barriers	ASEM/2012/073	1/09/2014	22/11/2020	Dr Paulo Santos	Monash University	James Cook University, National University of Laos, The University of Sydney
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, Partners for Rural Development, Preak Leap National School of Agriculture, RMIT University
Action ready climate knowledge to improve disaster risk management for smallholder farmers in the Philippines	ASEM/2014/051	10/08/2015	31/12/2020	Dr Peter Hayman	South Australian Research and Development Institute	Charles Sturt University, Philippine Atmospheric, Geophysical and Astronomical Services Administration, Philippines University of Philippines Los Baños, Philippines Department of Agriculture Agricultural Training Institute, Philippine Institute of Development Studies

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Developing cassava production and marketing systems to enhance smallholder livelihoods in Cambodia and Laos	ASEM/2014/053	1/10/2015	30/09/2020	Dr Dominic Smith	The University of Queensland	Cambodia Agricultural Research and Development Institute, International Center for Tropical Agriculture, National Agriculture and Forestry Research Institute
Identifying opportunities and constraints for rural women's engagement in small-scale agricultural enterprises in Papua New Guinea	ASEM/2014/054	1/10/2016	30/03/2021	Assoc Prof Gina Koczberski	Curtin University	Papua New Guinea University of Technology, Papua New Guinea Cocoa and Coconut Institute Ltd, PNG Oil Palm Research Association Inc, PNG Coffee Industry Corporation, CARE International
Improving livelihoods of smallholder coffee communities in Papua New Guinea	ASEM/2016/100	1/10/2017	30/03/2023	Prof George Curry	Curtin University	CSIRO Land and Water, PNG Coffee Industry Corporation
Climate-smart landscapes for promoting sustainability of Pacific island agricultural systems	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, Secretariat of the Pacific Community, Stockholm Environment Institute - Asia, The University of Auckland, The University of Sydney, University of the South Pacific
Enhancing livelihoods through forest and landscape restoration	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 The University of Queensland, Visca Foundation for Agricultural and Rural Development Inc
Climate-smart agriculture opportunities for enhanced food production in Papua New Guinea	ASEM/2017/026	18/03/2019	30/09/2024	Mr Steven Crimp	Australian National University	Climate Change and Development Authority, CSIRO Agriculture and Food, PNG Department of Agriculture and Livestock, Fresh Produce Development Agency Ltd, National Agricultural Research Institute, Phloem 3 Pty Ltd, PNG National Weather Service, Sustineo Pty Ltd, University of Goroika
Building institutions for the sustainable management of artesian groundwater in Myanmar	SSS/2018/135	1/01/2020	30/06/2023	Dr Sonali Senaratna-Sellamuttu and Mr Sanjiv de Silva	International Water Management Institute	Aqua Rock Consultants, CSIRO Land and Water, International Water Management Institute, Irrigation and Water Utilization Management Department , 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 Garden Association, Live and Learn Solomon Islands, Longgu District Mother's Union
Gender equitable agricultural extension through institutions and youth engagement in Papua New Guinea	SSS/2018/137	1/10/2019	31/03/2023	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	31/03/2021	Dr Rochelle Spencer	Murdoch University	Murdoch University
Next generation agricultural extension: social networks for practice change	SSS/2019/138	1/01/2021	31/12/2025	Dr Brian Cook	The University of Melbourne	University of Canberra, Macquarie University, The University of Adelaide, University of Battambang, Partners for Rural Development (NGO) Center for Development Oriented Research in Agriculture and Livelihood Systems

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Landcare—an agricultural extension and community development model at district and national scale in Fiji	SSS/2019/140	1/07/2020	30/06/2024	Dr Mary Johnson	RMIT University	Ministry of Agriculture, Tei Tei Farmers, Fiji National University, Landcare Foundation of the Philippines, University of Philippines Mindanao, University of Philippines Los Banos Philippines Council for Agriculture, Aquatic and Natural Resources Research and Development, Australia Landcare International
A framework for assessing agricultural extension approaches and an analysis of transferrable public health approaches	SSS/2019/186	4/03/2020	3/03/2021	Dr Mary Johnson	RMIT University	—
<b>Soil and Land Management</b>						
Land management of diverse rubber-based systems in the southern Philippines	SLAM/2017/040	1/01/2019	31/12/2023	Prof Chengrong Chen	Griffith University	Bureau of Soil and Water Management, Caraga State University, Provincial Government of Agusan del Sur (PGAS), University of Southern Mindanao
Mainstreaming research in Myanmar's agricultural and veterinary universities	SLAM/2017/041	1/01/2019	31/12/2023	Prof Kaye Basford	The University of Queensland	The University of Melbourne, University of Veterinary Science, Yezin Agricultural University
Synthesis of learnings on sustainable intensification of agriculture in Cambodia from ACIAR research investments to inform the future and support impact	SLAM/2018/127	8/06/2018	30/09/2020	Dr Davina Boyd	Murdoch 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, Department of Primary Industries, Institute of Agricultural Sciences of Southern Vietnam, Murdoch University, University of New England
Crop health and nutrient management of shallot-chilli-rice cropping systems in coastal Indonesia	SLAM/2018/145	1/08/2020	30/04/2024	Dr Stephen Harper	The University of Queensland	Balai Pengkajian Teknologi Pertanian (BPTP) Central Sulawesi, Bogor Agricultural University, Indonesian Soil Research Institute, Indonesian Vegetable & Fisheries Institute, Queensland Dept of Agriculture & Fisheries, University of Gadjah Mada
Soil-based challenges for cropping in Shan State (nutrient acquisition)	SLAM/2018/190	10/05/2019	30/06/2021	Dr Terry Rose	Southern Cross University	—
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	1/07/2020	30/06/2024	Mr Peter Wilson	CSIRO Agriculture and Food	Department of Agriculture and Livestock, National Agricultural Research Institute, Fresh Produce Development Agency, University Technology and Coffee Industry Corporation
Assessing and monitoring peatland restoration in Indonesia	SLAM/2020/118	1/07/2020	31/12/2021	Dr Samantha Grover	RMIT University	—
State of land and water assessment framework	SLAM/2020/138	27/04/2020	31/12/2020	Assoc Prof Anilk Bhaduri	Griffith University	—

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Management practices for profitable crop-livestock systems for Cambodia and Laos	SMCN/2012/075	22/03/2016	31/07/2020	Dr Matthew Denton	The University of Adelaide	Cambodia Agricultural Research and Development Institute, Department of Agricultural Land and Management, Murdoch University, National Agriculture and Forestry Research Institute, Provincial Agriculture and Forestry Office, Royal University of Agriculture
Optimising soil management and health in Papua New Guinea integrated cocoa farming systems	SMCN/2014/048	3/10/2016	31/07/2020	Dr Damien Field	The University of Sydney	Cocoa Coconut Institute of Papua New Guinea
Improving maize-based farming systems on sloping lands in Vietnam and Laos	SMCN/2014/049	1/02/2017	30/06/2021	Prof Michael Bell	The University of Queensland	Centre international pour la recherche agronomique pour le développement, Department of Agricultural Land Management, International Center for Tropical Agriculture, Northern Mountainous Agriculture and Forestry Science Institute, Queensland Dept of Agriculture & Fisheries, Soil and Fertilizer Research Institute, University of Tasmania
Soil management in Pacific islands: investigating nutrient cycling and development of the soils portal	SMCN/2016/111	1/10/2017	30/09/2021	Dr Ben Macdonald	CSIRO Agriculture and Food	Landcare Research NZ, Ministry of Agriculture and Food, Forests and Fisheries, Tonga, Ministry of Agriculture and Fisheries, Samoa, Secretariat of the Pacific Community, Fiji, Ministry of Environment, Lands and Agriculture Development, Kiribati, Ministry of Agriculture, Fiji, Ministry of Natural Resources and Development, Tuvalu
Land suitability assessment and site-specific soil management for Cambodian uplands	SMCN/2016/237	10/11/2017	30/09/2021	Dr Wendy Vance	Murdoch University	Cambodia Agricultural Research and Development Institute, Department of Agriculture and Food, Western Australia, Royal University of Agriculture
<b>Water</b>						
Promoting socially inclusive and sustainable agricultural intensification in West Bengal and Bangladesh	LWR/2014/072	1/03/2016	30/06/2021	Dr Christian Roth	CSIRO Agriculture and Food	Australian National University, Bangaldesh Agricultural University, Centre for the Development of Human Initiatives, Edith Cowan University, Indian Institute of Technology, Livelihoods and Natural Resource Management Institute, Professional Assistance for Development Action, Shushilan, YesBank
Developing approaches to enhance farmer water management skills in Balochistan, Punjab and Sindh in Pakistan	LWR/2014/074	1/10/2016	30/12/2020	Dr Sandra Heaney-Mustafa	University of Canberra	CSIRO Land and Water Pakistan Council for Research on Water Resources, Society of Facilitators and Trainers
Improving groundwater management to enhance agriculture and farming livelihoods in Pakistan	LWR/2015/036	1/10/2016	30/09/2020	Dr Michael Mitchell	Charles Sturt University	Balochistan Irrigation and Power Department, Balochistan University of Information Technology, Engineering and Management Sciences, International Center for Agricultural Research in the Dry Areas, Mehran University of Engineering and Technology, Pakistan Council for Research on Water Resources, PMAS Arid Agriculture University, Punjab Irrigation Department, Sindh Agricultural University, Sindh Irrigation Department, University for Arid Agriculture, University of Agriculture, University of Agriculture Faisalabad, Water and Power Development Authority

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Nutrient management for diversified cropping in Bangladesh	LWR/2016/136	1/08/2017	31/07/2021	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	LWR/2016/137	16/06/2017	15/06/2021	Prof Jamie Pittcock	Australian National University	Ardhi University, CSIRO Agriculture and Food, CSIRO Land and Water, 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	LWR/2017/027	1/07/2020	31/12/2023	Dr Michael Mitchell	Charles Sturt University	CSIRO, Mehran University of Engineering and Technology, International Union for Conservation of Nature, International Centre for Biosaline Agriculture
Virtual Irrigation Academy phase 2: from water monitoring to learning to governance	WAC/2018/162	17/06/2019	30/06/2023	Dr Richard Stirzaker	CSIRO Land and Water	ASARECA, Department of Agricultural Research Services, Department of Irrigation, National Institute of Irrigation
Water management for smallholder farmers—outscaling ACIAR research in Andhra Pradesh drought mitigation program	WAC/2018/164	1/10/2019	30/09/2022	Dr Uday Nidumolu	CSIRO Agriculture and Food	Western Sydney University, South Australian Research and Development Institute, Watershed Support Services Activities Network (India)
Expanding opportunities to use groundwater for poverty alleviation and climate change adaptation in Laos	WAC/2018/167	1/06/2019	31/12/2020	Dr Paul Pavelic	International Water Management Institute	Flinders University (South Australia)
Quantifying crop yield gaps across the Indo-Gangetic Plain from new perspectives—production, farmer profit and sustainability of water use (SDIP)	WAC/2018/169	11/02/2019	31/12/2020	Dr Donald Gaydon	CSIRO Agriculture and Food	International Maize and Wheat Improvement Center (CIMMYT)
Aquifer characterisation, artificial recharge and reuse of suddenly available water in South Bihar (SDIP)	WAC/2018/211	4/02/2019	31/12/2020	Dr Prabhakar Sharma	Nalanda University	—
Building provincial capacity for sustainable agricultural mechanisation in Nepal (SDIP)	WAC/2018/220	11/02/2019	31/03/2021	Dr Brendan Brown	International Maize and Wheat Improvement Center (CIMMYT)	Department of Agriculture (Nepal), Socioeconomics and Agricultural Research Policy Division (Nepal)
The implications of sustainable intensification on weed dynamics in the Eastern Gangetic Plains (SDIP)	WAC/2018/221	22/04/2019	31/12/2020	Dr Brendan Brown	International Maize and Wheat Improvement Center (CIMMYT)	Murdoch University
Mitigating risk and scaling-out profitable cropping system intensification practices in the salt-affected coastal zones of the Ganges Delta	WAC/2019/134	1/11/2020	31/10/2024	Dr Mohammed Mainuddin	CSIRO Agriculture and Food	CSIRO Agriculture and Food

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Closing the loop between agriculture and wastewater discharge: a novel technique for turning wastewater into fertiliser in the Pacific	WAC/2019/135	1/07/2020	30/06/2021	Dr Douglas Tait	Southern Cross University	—
Regional foresight for food systems in the Eastern Gangetic Plains (SDIP)	WAC/2019/136	1/09/2019	31/12/2020	Dr Avinash Kishore	International Food Policy Research Institute	—
<b>Cultivate Africa's Future (phase II)</b>						
Scale-up supply of precooked beans for food and nutrition security by leveraging on public-c-private partnerships in Kenya and Uganda (CultiAf 108855)	GP/2019/115	3/12/2018	30/11/2020	Dr Michael Ugen	National Agricultural Research Organization	—
Business models for scaling improved fish processing technologies in Malawi (CultiAf 108865)	GP/2019/170	1/10/2018	20/09/2020	Dr Levison S Chiwaula	Ministry of Agriculture, Irrigation and Water Development	—
Insect feed for poultry, fish and pig production in Sub-Saharan Africa (CultiAf 108866)	GP/2019/171	1/10/2018	30/09/2020	Dr Chrysanthus Tangga	International Centre of Insect Physiology and Ecology	—
The effectiveness of the Metro Agri-Food Living Lab for gender inclusive youth entrepreneurship development in Kenya (CultiAf 108867)	GP/2019/172	1/10/2018	30/09/2020	Prof Francis W Wambalaba	United States International University - Africa	—
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 program to combat their menaces (CultiAf 109040)	GP/2019/175	1/04/2019	30/09/2022	Dr Samira Mohamed	International Centre of Insect Physiology and Ecology	—
Harnessing dietary nutrients of under-utilised fish and fish-based products in Uganda (CultiAf 109041)	GP/2019/176	1/04/2019	30/09/2022	Dr Jackson Efitre	Makere University Uganda	—
Improving agricultural productivity and resilience with satellite and cell phone imagery to scale climate-smart crop insurance (CultiAf 109076)	GP/2019/177	1/04/2019	30/09/2022	Mr Amos Tabala	Agriculture and Climate Risk Enterprise Limited (ACRE Africa)	—

## Appendix 2

### Location (Australian state or country) of commissioned organisations for current and proposed projects, 2020-21

Project title	Project code	Commissioned organisation
<b>Australian Capital Territory</b>		
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
Establishing the linkages between foodborne bacterial enteropathies and malnutrition in Timor-Leste	LS/2018/184	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
Characterisation of <i>Spodoptera frugiperda</i> (fall armyworm) populations in South-East Asia and northern Australia (co-funded with GRDC)	CROP/2020/144	CSIRO Agriculture and Food
Smallholder livestock futures in South-East Asia	LS/2018/107	CSIRO Agriculture and Food
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 Agriculture and Food
Soil management in Pacific islands: investigating nutrient cycling and development of the soils portal	SMCN/2016/111	CSIRO Agriculture and Food
Mitigating risk and scaling-out profitable cropping system intensification practices in the salt-affected coastal zones of the Ganges Delta	WAC/2019/134	CSIRO Agriculture and Food
Virtual Irrigation Academy phase 2: from water monitoring to learning to governance	WAC/2018/162	CSIRO Land and Water
Domestication and breeding of sandalwood in Fiji and Tonga	FST/2016/158	CSIRO National Research Collections
Protection of stored grains against insect pests	CIM/2017/031	Davren Global Pty Ltd
Integrating approaches for estimating greenhouse gas emissions from forests and livestock in Kenya	LS/2018/202	The Mullion Group Pty Ltd
Developing approaches to enhance farmer water management skills in Balochistan, Punjab and Sindh in Pakistan	LWR/2014/074	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
Policy drivers for public-private partnerships in Pacific organics: improving extension policy through an evidence-based approach	ADP/2018/131	University of Sunshine Coast
<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
Quantifying biophysical and community impacts of improved fish passage in Laos and Myanmar	FIS/2014/041	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
Improving groundwater management to enhance agriculture and farming livelihoods in Pakistan	LWR/2015/036	Charles Sturt University
Adapting to salinity in the southern Indus Basin	LWR/2017/027	Charles Sturt University

<b>Project title</b>	<b>Project code</b>	<b>Commissioned organisation</b>
Farmer options for crops under saline conditions in the Mekong River Delta, Vietnam	SLAM/2018/144	Charles Sturt University
Enhancing smallholder linkages to markets by optimising transport and logistics infrastructure	AGB/2017/036	CSIRO Land and Water
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
Restoring damaged coral reefs using mass coral larval reseeding	FIS/2014/063	Southern Cross University
Baseline monitoring and evaluation of long-term impacts on fish stocks from coral restoration	FIS/2018/128	Southern Cross University
Regional networks for large-scale coral and fish habitat restoration in the Philippines	FIS/2019/123	Southern Cross University
Increasing the productivity and profitability of smallholder beekeeping enterprises in Papua New Guinea and Fiji	LS/2014/042	Southern Cross University
Soil-based challenges for cropping in Shan State (nutrient acquisition)	SLAM/2018/190	Southern Cross University
Closing the loop between agriculture and wastewater discharge: a novel technique for turning wastewater into fertiliser in the Pacific	WAC/2019/135	Southern Cross University
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
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
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	SMCN/2014/048	The University of Sydney
Climate-smart landscapes for promoting sustainability of Pacific island agricultural systems	ASEM/2016/101	The University of Sydney and University of Western Australia
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 agri-food 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
<b>Northern Territory</b>		
Integrated crop management for mango in Cambodia and the Philippines to meet market quality standards	HORT/2016/190	Northern Territory Department of Primary Industry and Fisheries
Zoonotic malaria in Indonesia (One Health)	LS/2018/214	Menzies School of Health Research
Evaluating zoonotic malaria transmission and agricultural and forestry land use in Indonesia (One Health)	LS/2019/116	Menzies School of Health Research
<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

<b>Project title</b>	<b>Project code</b>	<b>Commissioned organisation</b>
Inclusive agribusiness-led development for high-value fruit and vegetable in the southern Philippines	AGB/2018/196	CSIRO Agriculture and Food
Improving cattle production in the Myanmar Central Dry Zone through improved animal nutrition, health and management	LS/2016/132	CSIRO Agriculture and Food
Promoting socially inclusive and sustainable agricultural intensification in West Bengal and Bangladesh	LWR/2014/072	CSIRO Agriculture and Food
Quantifying crop yield gaps across the Indo-Gangetic Plain from new perspectives—production, farmer profit and sustainability of water use (SDIP)	WAC/2018/169	CSIRO Agriculture and Food
Enhancing the management of antimicrobial resistance in Fiji (One Health)	LS/2019/119	CSIRO Health & Biosecurity
Improving smallholder farmer incomes through strategic market development in mango supply chains in southern Vietnam	AGB/2012/061	Griffith University
Enhancing value-added products and environmental benefits from agroforestry systems in Papua New Guinea and the Pacific	FST/2014/067	Griffith University
Enhancing private sector-led development of the Canarium industry in Papua New Guinea – phase 2	FST/2017/038	Griffith University
Land management of diverse rubber-based systems in the southern Philippines	SLAM/2017/040	Griffith University
State of land and water assessment framework	SLAM/2020/138	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
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
Protecting the coffee industry from coffee berry borer in Papua New Guinea and Australia	HORT/2018/194	Queensland Department of Agriculture and Fisheries
Supporting greenhouse gas mitigation for sustainable farming systems in the Asia-Pacific and East Africa	WAC/2019/150	Queensland University of Technology
Strengthening incentives for improved grassland management in China and Mongolia	ADP/2012/107	The University of Queensland
Developing value-chain linkages to enhance the adoption of profitable and sustainable cassava production systems in Vietnam and Indonesia	AGB/2012/078	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
A theory of change for inclusive value chains in the Philippines	AGB/2019/100	The University of Queensland
Planning and establishing a sustainable smallholder rice chain in the Mekong Delta	AGB/2019/153	The University of Queensland
Developing cassava production and marketing systems to enhance smallholder livelihoods in Cambodia and Laos	ASEM/2014/053	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
Identifying soil constraints in the Eastern Gangetic Plains (SDIP)	CROP/2018/210	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
Improving agroforestry policy for sloping land in Fiji	FST/2016/147	The University of Queensland
Supporting agroforestry through tree improvement and gene conservation in Laos	FST/2020/119	The University of Queensland

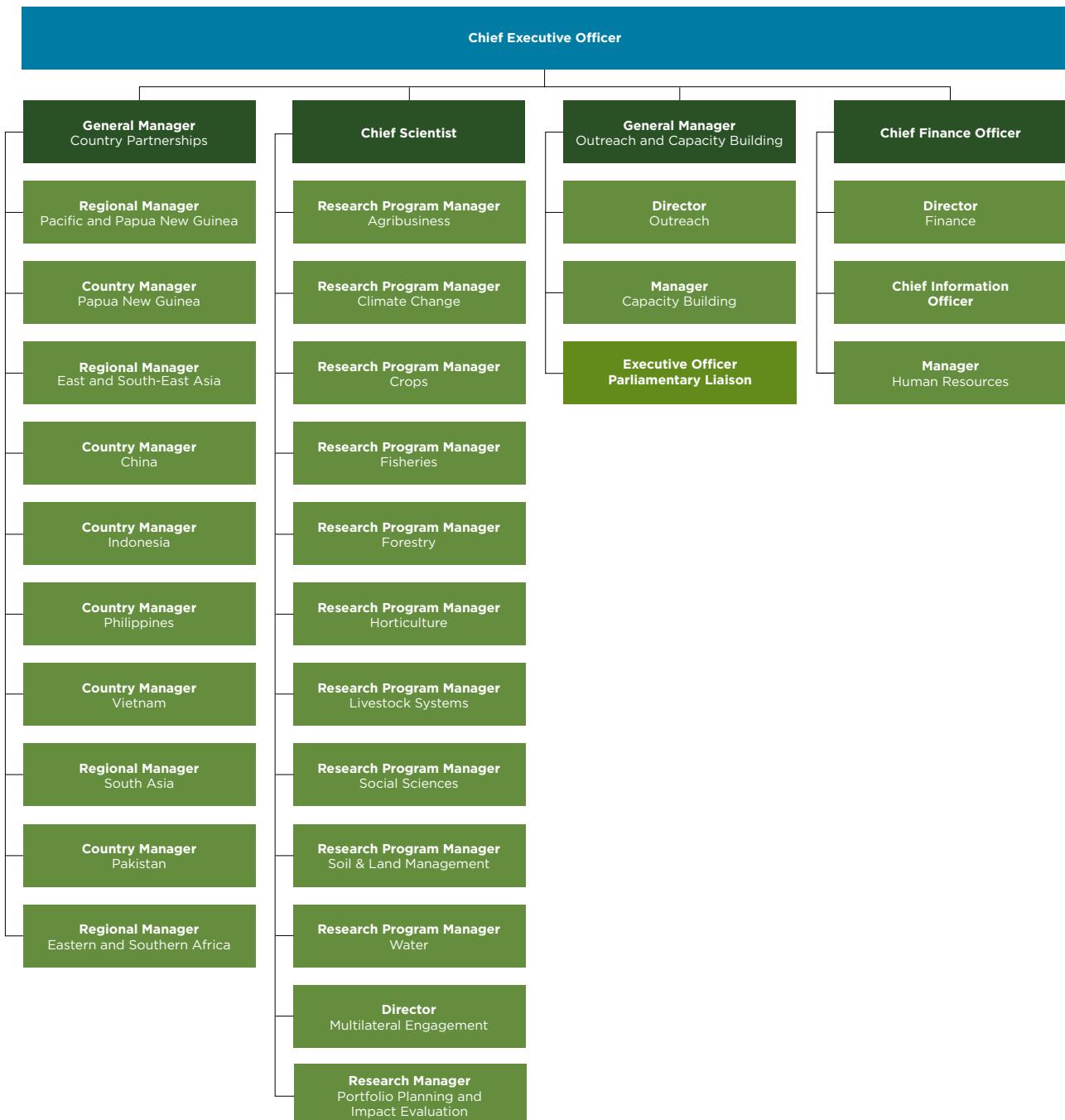
<b>Project title</b>	<b>Project code</b>	<b>Commissioned organisation</b>
Responding to emerging pest and disease threats to horticulture in the Pacific islands	HORT/2016/185	The University of Queensland
Profitable feeding strategies for smallholder cattle in Indonesia	LPS/2013/021	The University of Queensland
Smallholder cattle enterprise development in Timor-Leste	LPS/2014/038	The University of Queensland
Evaluating the opportunities for smallholder livestock keepers in Timor-Leste	LS/2017/035	The University of Queensland
Sectoral analysis and investment requirements for improving the Fiji and Samoa small ruminant sector	LS/2018/183	The University of Queensland
Promoting business development pathways for more productive and profitable smallholder cattle systems in Vanuatu	LS/2018/185	The University of Queensland
Forages—taking stock and identifying research needs	LS/2018/186	The University of Queensland
Mainstreaming research in Myanmar's agricultural and veterinary universities	SLAM/2017/041	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
Improving maize-based farming systems on sloping lands in Vietnam and Laos	SMCN/2014/049	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
Developing pearl industry-based livelihoods in the western Pacific	FIS/2014/060	University of the Sunshine Coast
Improving technical and institutional capacity to support development of mariculture-based livelihoods and industry in New Ireland, Papua New Guinea	FIS/2014/061	University of the Sunshine Coast
Improving seaweed production and processing opportunities in Indonesia	FIS/2015/038	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
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 pearl-industry 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
Enhancing community-based commercial forestry in Indonesia	FST/2015/040	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
Scoping for a forest biosecurity network in South-East Asia	FST/2020/102	University of the Sunshine Coast
Enhanced fruit production and postharvest handling systems for Fiji, Samoa and Tonga	HORT/2014/077	University of the Sunshine Coast
Enhanced fruit systems for Tonga, Samoa and Fiji (phase 2): community-based citrus production	HORT/2019/165	University of the Sunshine Coast
Building effective forest health and biosecurity networks in SE Asia	FST 2020 123	University of the Sunshine Coast
<b>South Australia</b>		
Water management for smallholder farmers—outscaling ACIAR research in Andhra Pradesh drought mitigation program	WAC/2018/164	CSIRO Agriculture and Food
Expanding opportunities to use groundwater for poverty alleviation and climate change adaptation in Laos	WAC/2018/167	International Water Management Institute
Agriculture for tourism – advancing a synergistic development pathway for both local agribusiness value chains and tourism in Bali, Indonesia	AGB/2020/121	Primary Principles Pty Ltd
Action ready climate knowledge to improve disaster risk management for smallholder farmers in the Philippines	ASEM/2014/051	South Australian Research and Development Institute
Agricultural policy research to support natural resource management in Indonesia's upland landscapes	ADP/2015/043	The University of Adelaide

<b>Project title</b>	<b>Project code</b>	<b>Commissioned organisation</b>
Improving milk supply, competitiveness and livelihoods in smallholder dairy chains in Indonesia	AGB/2012/099	The University of Adelaide
Philippines smallholder dairy: landscape analysis and research priorities	AGB/2020/120	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
<b>Tasmania</b>		
Climate change and Pacific food systems: decision-making for transformational change (proof-of-concept)	WAC/2019/148	CSIRO Agriculture and Food
Improving community fire management and peatland restoration in Indonesia	FST/2016/144	CSIRO Land and Water
Harvest strategies for Indonesian tropical tuna fisheries to increase sustainable benefits	FIS/2016/116	CSIRO Oceans and Atmosphere
Developing competitive and inclusive value chains of pulses in Pakistan	ADP/2017/004	University of Tasmania
Evaluating processes and outcomes in south-south research collaboration—finfish mariculture development in Cambodia through cooperation with Indonesia	FIS/2018/115	University of Tasmania
Managing risk in South-East Asian forest biosecurity	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>		
Drug sensitive and resistant tuberculosis and zoonotic infections as causes of lymphadenitis in three provinces in Papua New Guinea (One Health)	LS/2018/217	Burnet Institute
Market and opportunity analysis to guide market-led development of the Myanmar pulse sector	AGB/2019/154	Business for Millennium Development Ltd
A One Health approach to establish surveillance strategies for Japanese encephalitis and zoonotic arboviruses in Papua New Guinea (One Health)	LS/2018/213	CSIRO Australian Animal Health Laboratory
Enterprise-driven transformation of family cocoa production in East Sepik, Madang, New Ireland and Chimbu Provinces of Papua New Guinea	HORT/2014/096	La Trobe University
Policy and institutional reforms to improve horticultural markets in Pakistan	ADP/2014/043	Monash University
Improving food security in the northern uplands of Laos: identifying drivers and overcoming barriers	ASEM/2012/073	Monash University
Collaboration on One Health economic research for systems (One Health)	LS/2019/118	Nossal Institute Limited
Improving the methods and impacts of agricultural extension in conflict areas of Mindanao, Philippines	ASEM/2012/063	RMIT University
Assessing and monitoring peatland restoration in Indonesia	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
A framework for assessing agricultural extension approaches and an analysis of transferrable public health approaches	SSS/2019/186	RMIT University
Conservation agriculture and sustainable intensification of smallholder farming systems in Pacific countries as a pathway to transformational climate change adaptation and reducing GHG emissions	CROP/2020/185	The University of Melbourne
Uptake of agricultural technologies amongst farmers in Battambang and Pailin provinces, Cambodia	ASEM/2013/003	The University of Melbourne
Advancing enhanced wood manufacturing industries in Laos and Australia	FST/2016/151	The University of Melbourne
Policy analysis for forest plantations Laos and Vietnam	FST/2019/121	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
Enhancing small ruminant production to benefit farming families in Sindh and Punjab, Pakistan	LS/2018/105	The University of Melbourne

<b>Project title</b>	<b>Project code</b>	<b>Commissioned organisation</b>
Value-adding to existing livestock programs to understand and quantify the implications of greenhouse gas emissions, provide options for emissions reduction and inform in-country policy development	LS/2019/159	The University of Melbourne
Next generation agricultural extension: social networks for practice change	SSS/2019/138	The University of Melbourne
Emissions avoidance of soil carbon from lands undergoing practice change	WAC/2019/149	The University of Melbourne
<b>Western Australia</b>		
Identifying opportunities and constraints for rural women's engagement in small-scale agricultural enterprises in Papua New Guinea	ASEM/2014/054	Curtin University
Improving livelihoods of smallholder coffee communities in Papua New Guinea	ASEM/2016/100	Curtin 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
Synthesis of learnings on sustainable intensification of agriculture in Cambodia from ACIAR research investments to inform the future and support impact	SLAM/2018/127	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
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	Centre for Agriculture and Bioscience International (CABI)
Plant health—a major challenge to achieving sustainable “green” agriculture in Myanmar	CROP/2019/103	Centre for Agriculture and Bioscience International (CABI)
Scoping livestock research opportunities in Africa	LS/2018/205	Climate Change and Food Security program (CGIAR)
Climate-smart interventions for smallholder farmers in Ethiopia (CultiAf 109038)	GP/2019/173	Ethiopian Institute of Agricultural Research
Establishing sustainable solutions to cassava diseases in mainland South-East Asia	AGB/2018/172	International Center for Tropical Agriculture
Insect feed for poultry, fish and pig production in Sub-Saharan Africa (CultiAf 108866)	GP/2019/171	International Centre of Insect Physiology and Ecology
Alien invasive fruit flies in southern Africa: implementation of a sustainable IPM program to combat their menaces (CultiAf 109040)	GP/2019/175	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 (SDIP)	WAC/2019/136	International Food Policy Research Institute
Food futures for the food systems in the Eastern Gangetic Plains (SDIP)	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

<b>Project title</b>	<b>Project code</b>	<b>Commissioned organisation</b>
Asian chicken genetic gains: a platform for testing, delivering, and improving chickens for enhanced livelihood outcomes in South-East Asia	LS/2019/142	International Livestock Research Institute
Identification of sources of resistance to wheat blast and their deployment in wheat varieties adapted to Bangladesh	CIM/2016/219	International Maize and Wheat Improvement Center
Sustainable and resilient farming systems intensification in the Eastern Gangetic Plains (SRFSI) (SDIP)	CSE/2011/077	International Maize and Wheat Improvement Center
Building provincial capacity for sustainable agricultural mechanisation in Nepal (SDIP)	WAC/2018/220	International Maize and Wheat Improvement Center
The implications of sustainable intensification on weed dynamics in the Eastern Gangetic Plains (SDIP)	WAC/2018/221	International Maize and Wheat Improvement Center
Building institutions for the sustainable management of artesian groundwater in Myanmar	SSS/2018/135	International Water Management Institute
Harnessing dietary nutrients of under-utilised fish and fish-based products in Uganda (CultiAf 109041)	GP/2019/176	Makerere University Uganda
Business models for scaling improved fish processing technologies in Malawi (CultiAF 108865)	GP/2019/170	Ministry of Agriculture, Irrigation and Water Development
Aquifer characterisation, artificial recharge and reuse of suddenly available water in South Bihar (SDIP)	WAC/2018/211	Nalanda University
Scale-up supply of precooked beans for food and nutrition security by leveraging on public-private partnerships in Kenya and Uganda (CultiAf 108855)	GP/2019/115	National Agricultural Research Organization
Safeguarding and deploying coconut diversity for improving livelihoods in the Pacific islands	HORT/2017/025	The Pacific Community (SPC)
Establishing the International Mungbean Improvement Network	CIM/2014/079	The World Vegetable Center
Improved mungbean harvesting and seed production systems for Bangladesh, Myanmar and Pakistan	CIM/2016/174	The World Vegetable Center
International Mungbean Improvement Network – phase 2	CROP/2019/144	The World Vegetable Center
The effectiveness of the Metro Agri-Food Living Lab for gender inclusive youth entrepreneurship development in Kenya (CultiAf 108867)	GP/2019/172	United States International University - Africa
User driven approaches to make government and farmer-led smallholder irrigation in Mozambique more productive (CultiAf 109039)	GP/2019/174	University of Eduardo Mondlane
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
Off-farm: strategic review and planning for enhancing the livelihoods of coffee and pepper smallholders in the Central Highlands of Vietnam through improving stakeholders' participation in agribusiness led value chains	AGB/2018/208	World Agroforestry Centre
Developing integrated options and accelerating scaling up of agroforestry for improved food security and resilient livelihoods in Eastern Africa (Trees for Food Security phase 2)	FST/2015/039	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
Improving fishery management in support of better governance of Myanmar's inland and delta fisheries	FIS/2015/046	WorldFish Center
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

## Appendix 3 Organisational structure 2020-21



Current at 1 July 2020