

# Potential Project and Research Topics – PASS-CR Scholarship Program 2023

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## Climate Change

ACIAR Project Number - [CLIM/2021/160](#)

ACIAR Project Title – Supporting greenhouse gas inventories and livestock data development in Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
Masters or PhD	Developing Fiji's National Greenhouse Gas Inventory for livestock systems	Dr Natalie Doran-Browne Agricultural Research Advisors <a href="mailto:nataliedb@agresearch.net.au">nataliedb@agresearch.net.au</a>	Dr William Kerua <a href="mailto:william.kerua@fnu.ac.fj">william.kerua@fnu.ac.fj</a>  Prof Nii-K Plange <a href="mailto:nii-k.plange@fnu.ac.fj">nii-k.plange@fnu.ac.fj</a>  Dr Salesh Kumar <a href="mailto:salesh.kumar@fnu.ac.fj">salesh.kumar@fnu.ac.fj</a>	Dr Francis Mani <a href="mailto:francis.mani@usp.ac.fj">francis.mani@usp.ac.fj</a>  Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>  PaCE SD Postgraduate Officer <a href="mailto:Filipe.veisa@usp.ac.fj">Filipe.veisa@usp.ac.fj</a>	Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
			Dr Archibold Bakare <a href="mailto:archibold.bakare@fnu.ac.fj">archibold.bakare@fnu.ac.fj</a>  Prof Paul Iji <a href="mailto:paul.iji@fnu.ac.fj">paul.iji@fnu.ac.fj</a>		
<b>Masters or PhD</b>	Improving carbon accounting from livestock systems in Fiji through the measurement of greenhouse gas emissions	Dr Natalie Doran-Browne Agricultural Research Advisors <a href="mailto:nataliedb@agresearch.net.au">nataliedb@agresearch.net.au</a>	Dr Archibold Bakare <a href="mailto:archibold.bakare@fnu.ac.fj">archibold.bakare@fnu.ac.fj</a>  Prof Paul Iji <a href="mailto:paul.iji@fnu.ac.fj">paul.iji@fnu.ac.fj</a>  Dr William Kerua <a href="mailto:william.kerua@fnu.ac.fj">william.kerua@fnu.ac.fj</a>  Prof Nii-K Plange <a href="mailto:nii-k.plange@fnu.ac.fj">nii-k.plange@fnu.ac.fj</a>  Dr Saleshe Kumar <a href="mailto:saleshe.kumar@fnu.ac.fj">saleshe.kumar@fnu.ac.fj</a>	Dr Francis Mani <a href="mailto:francis.mani@usp.ac.fj">francis.mani@usp.ac.fj</a>  Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>  PaCE SD Postgraduate Officer <a href="mailto:Filipe.veisa@usp.ac.fj">Filipe.veisa@usp.ac.fj</a>	Fiji
<b>Masters or PhD</b>	Implementing the Gender Action Plan of the UN Framework on the Convention of Climate Change (UNFCCC) in Fijian agriculture	Ass Prof Rowena Maguire Queensland University of Technology <a href="mailto:r.maguire@qut.edu.au">r.maguire@qut.edu.au</a>	<a href="mailto:Prof.Roland.De.Marco@fnu.ac.fj">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji

## Crops

ACIAR Project Number – CROP/2021/130

ACIAR Project Title - Finding a genetic basis for oil palm responses to Basal Stem Rot in a long-term infected block

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
Masters	Oil palm - <i>Ganoderma</i> interaction in Solomon Islands	<a href="mailto:a.mugde@uq.edu.au">Dr Agnieszka Mudge</a> University of Queensland <a href="mailto:a.mugde@uq.edu.au">a.mugde@uq.edu.au</a>	Dr Mereia Fong <a href="mailto:mereia.fong@fnu.ac.fj">mereia.fong@fnu.ac.fj</a>  Dr Kaliova Ravuiwasa <a href="mailto:Kaliova.Ravuiwasa@fnu.ac.fj">Kaliova.Ravuiwasa@fnu.ac.fj</a>  Dr Adegoke Idowu <a href="mailto:idowu.adegoke@fnu.ac.fj">idowu.adegoke@fnu.ac.fj</a>	<a href="mailto:leslie.ubaub@usp.ac.fj">Leslie Ubaub</a> <a href="mailto:leslie.ubaub@usp.ac.fj">leslie.ubaub@usp.ac.fj</a>	Solomon Islands

## Food Production Systems

ACIAR Project Number – [SRA/2020/159](#)

ACIAR Project Title – School food provision in the Pacific

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
Masters	School food in the Pacific - opportunities for local food	<a href="mailto:sburkhar@usc.edu.au">Dr Sarah Burkhart</a> University of the Sunshine Coast <a href="mailto:sburkhar@usc.edu.au">sburkhar@usc.edu.au</a>  <a href="mailto:dhunter@cgjar.org">Dr Danny Hunter</a> Bioversity International <a href="mailto:dhunter@cgjar.org">dhunter@cgjar.org</a>	<a href="mailto:pvc-r@fnu.ac.fj">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Eberhard Weber <a href="mailto:eberhard.weber@usp.ac.fj">eberhard.weber@usp.ac.fj</a> <a href="mailto:leslie.ubaub@usp.ac.fj">Dr Leslie Ubaub</a> <a href="mailto:leslie.ubaub@usp.ac.fj">leslie.ubaub@usp.ac.fj</a>	Samoa Fiji

## Forestry

ACIAR Project Number – [FST/2019/128](#)

ACIAR Project Title - Coconut and other non-traditional forest resources for the manufacture of Engineered Wood Products

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
Masters	Opportunities for promoting gender balanced participation throughout the forest products industry: an education and training perspective	<a href="#">Dr Natalie Jones</a> University of Queensland <a href="mailto:n.jones3@uq.edu.au">n.jones3@uq.edu.au</a>	Dr William Kerua <a href="mailto:William.kerua@fnu.ac.fj">William.kerua@fnu.ac.fj</a>  Prof Arun Elias <a href="mailto:arun.elias@fnu.ac.fj">arun.elias@fnu.ac.fj</a>	<a href="#">Dr Sara Amin</a> <a href="mailto:Sara.amin@usp.ac.fj">Sara.amin@usp.ac.fj</a>	Fiji
Masters	Creating an enabling environment for women in non-traditional occupations: a focus on timber manufacturing	<a href="#">Dr Natalie Jones</a> University of Queensland <a href="mailto:n.jones3@uq.edu.au">n.jones3@uq.edu.au</a>	Dr William Kerua <a href="mailto:William.kerua@fnu.ac.fj">William.kerua@fnu.ac.fj</a>  Prof Arun Elias <a href="mailto:arun.elias@fnu.ac.fj">arun.elias@fnu.ac.fj</a>	<a href="#">Dr Sara Amin</a> <a href="mailto:Sara.amin@usp.ac.fj">Sara.amin@usp.ac.fj</a>	Fiji
Masters	Determining wood properties and suitability of select Fijian lesser-known forest species for engineered wood product manufacture	Dr Rob McGavin Queensland Department of Agriculture and Fisheries <a href="mailto:robbie.mcgavin@daf.qld.gov.au">robbie.mcgavin@daf.qld.gov.au</a>  Dr Chandan Kumar Queensland Department of Agriculture and Fisheries <a href="mailto:chandan.kumar@daf.qld.gov.au">chandan.kumar@daf.qld.gov.au</a>	Dr Adegoke Idowa <a href="mailto:idowu.adevoke@fnu.ac.fj">idowu.adevoke@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji
Masters	Developing techniques for grading coconut logs destined for wood product manufacture	Dr Chandan Kumar Queensland Department of Agriculture and Fisheries <a href="mailto:chandan.kumar@daf.qld.gov.au">chandan.kumar@daf.qld.gov.au</a>  Dr Rob McGavin Queensland Department of Agriculture and Fisheries <a href="mailto:robbie.mcgavin@daf.qld.gov.au">robbie.mcgavin@daf.qld.gov.au</a>	Dr Adegoke Idowa <a href="mailto:idowu.adevoke@fnu.ac.fj">idowu.adevoke@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
		William Leggate Queensland Department of Agriculture and Fisheries <a href="mailto:william.leggate@daf.qld.gov.au">william.leggate@daf.qld.gov.au</a>			
<b>Masters or PhD</b>	Developing grading techniques for coconut rotary veneer destined for engineered wood product manufacture	<a href="mailto:benoit.gilbert@daf.qld.gov.au">Dr Benoit Gilbert</a> Griffith University Queensland Department of Agriculture and Fisheries <a href="mailto:benoit.gilbert@daf.qld.gov.au">benoit.gilbert@daf.qld.gov.au</a>  Dr Rob McGavin Queensland Department of Agriculture and Fisheries <a href="mailto:robbie.mcgavin@daf.qld.gov.au">robbie.mcgavin@daf.qld.gov.au</a>	Dr Adegoke Idowa <a href="mailto:idowu.adegoke@fnu.ac.fj">idowu.adegoke@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji
<b>Masters or PhD</b>	Developing management techniques that ensures the on-going health of coconut plantations after senile palm removal: harvesting and harvesting residue management	Dr Babar Hassan Queensland Department of Agriculture and Fisheries <a href="mailto:babar.hassan@daf.qld.gov.au">babar.hassan@daf.qld.gov.au</a>	<a href="mailto:pvc-r@fnu.ac.fj">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji
<b>Masters or PhD</b>	Development of manufacturing protocols for coconut veneer-based engineered wood product manufacture	William Leggate Queensland Department of Agriculture and Fisheries <a href="mailto:william.leggate@daf.qld.gov.au">william.leggate@daf.qld.gov.au</a>  Dr Rob McGavin Queensland Department of Agriculture and Fisheries <a href="mailto:robbie.mcgavin@daf.qld.gov.au">robbie.mcgavin@daf.qld.gov.au</a>	Dr Adegoke Idowa <a href="mailto:idowu.adegoke@fnu.ac.fj">idowu.adegoke@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji
<b>Masters or PhD</b>	Assessment of heating methods to prepare logs for rotary veneer processing and engineered wood product manufacture	Dr Chandan Kumar Queensland Department of Agriculture and Fisheries <a href="mailto:chandan.kumar@daf.qld.gov.au">chandan.kumar@daf.qld.gov.au</a>	Dr Adegoke Idowa <a href="mailto:idowu.adegoke@fnu.ac.fj">idowu.adegoke@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji
<b>Masters or PhD</b>	Exploration of coconut palm harvesting residues as an alternative source of energy	Dr Rob McGavin Queensland Department of Agriculture and Fisheries	Dr Adegoke Idowa <a href="mailto:idowu.adegoke@fnu.ac.fj">idowu.adegoke@fnu.ac.fj</a>	<a href="mailto:mdabdul.kader@usp.ac.fj">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>	Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
		<a href="mailto:robbie.mcgavin@daf.gld.gov.au">robbie.mcgavin@daf.gld.gov.au</a>			

## Horticulture

ACIAR Project Number - CS/2020/191

ACIAR Project Title - Adopting a gender-inclusive participatory approach to reducing horticultural food loss in the Pacific

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
Masters	Quantification of Food Loss in Fiji/Tonga/Solomon Islands	<a href="mailto:sunderhi@usc.edu.au">Prof Steven Underhill</a> University of the Sunshine Coast <a href="mailto:sunderhi@usc.edu.au">sunderhi@usc.edu.au</a>	Ass Prof Salesh Kumar <a href="mailto:salesh.kumar@fnu.ac.fj">salesh.kumar@fnu.ac.fj</a>  <a href="mailto:arun.elias@fnu.ac.fj">Prof Arun Elias</a> <a href="mailto:arun.elias@fnu.ac.fj">arun.elias@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Samoa Fiji Tonga

ACIAR Project Number - [HORT/2019/165](#)

ACIAR Project Title - Enhanced fruit systems for Tonga and Samoa (Phase 2): Community based citrus production

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
Masters or PhD	Fresh food choice, dietary intake and consumer purchasing behaviour in Tonga (enablers and resistors for increased fruit consumption).	<a href="mailto:sunderhi@usc.edu.au">Prof Steven Underhill</a> University of the Sunshine Coast <a href="mailto:sunderhi@usc.edu.au">sunderhi@usc.edu.au</a>	<a href="mailto:pvc-r@fnu.ac.fj">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Tonga
Masters or PhD	Can novel healthy eating gardens designs support wider diet-based NCDs-aligned healthy eating in Tonga?	<a href="mailto:sunderhi@usc.edu.au">Prof Steven Underhill</a> University of the Sunshine Coast <a href="mailto:sunderhi@usc.edu.au">sunderhi@usc.edu.au</a>	<a href="mailto:pvc-r@fnu.ac.fj">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Tonga

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
<b>Masters or PhD</b>	Practical strategies to enhance tree orchard resilience to cyclone damage.	<a href="#">Prof Steven Underhill</a> University of the Sunshine Coast <a href="mailto:sunderhi@usc.edu.au">sunderhi@usc.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Tonga
<b>Masters or PhD</b>	Fruit value-adding products to enhance income-generating opportunities in communities on Savaii Island.	<a href="#">Prof Steven Underhill</a> University of the Sunshine Coast <a href="mailto:sunderhi@usc.edu.au">sunderhi@usc.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Samoa
<b>Masters or PhD</b>	An assessment of citrus postharvest handling practice and loss in Samoa.	<a href="#">Prof Steven Underhill</a> University of the Sunshine Coast <a href="mailto:sunderhi@usc.edu.au">sunderhi@usc.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Samoa

## Livestock Systems

ACIAR Project Number - [LS/2019/119](#)

ACIAR Project Title - Enhancing the management of Antimicrobial Resistance (EMAR) in Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
<b>Masters or PhD</b>	Supply and demand of animal health care services in the Pacific region	<a href="#">Walter Okelo</a> CSIRO <a href="mailto:walter.okelo@csiro.au">walter.okelo@csiro.au</a>	Ass Prof Royford Magiri <a href="mailto:royford.magiri@fnu.ac.fj">royford.magiri@fnu.ac.fj</a>	<a href="#">Dr Poasa Tabuaciri</a> <a href="mailto:tabuaciri_p@usp.ac.fj">tabuaciri_p@usp.ac.fj</a>  <a href="#">Dr Siaka Diarra</a> <a href="mailto:diarra_s@usp.ac.fj">diarra_s@usp.ac.fj</a>	Fiji Samoa Vanuatu

ACIAR Project Number – [LS/2017/033](#)

ACIAR Project Title – Improving small ruminant production and supply in Fiji and Samoa

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
Masters	Improving productivity of Samoan sheep farms	<a href="#">Dr Tiago da Silva</a> University of New England (UNE) <a href="mailto:Tiago.Silva@une.edu.au">Tiago.Silva@une.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	<a href="#">Dr Siaka Diarra</a> <a href="mailto:diarra_s@usp.ac.fj">diarra_s@usp.ac.fj</a>	Fiji Kiribati

ACIAR Project Number – [LS/2014/042](#)

ACIAR Project Title – Increasing the productivity and profitability of smallholder beekeeping enterprises in PNG and Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
Masters or PhD	Understating management options and impacts of <i>Apis cerana</i> on managed <i>Apis mellifera</i> honey bees in tropical environments	<a href="#">Dr Cooper Schouten</a> Southern Cross University <a href="mailto:cooper.schouten@scu.edu.au">cooper.schouten@scu.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji Vanuatu Solomon Islands
Masters or PhD	Optimising honey bee supplementary feeding strategies for increased honey production among Pacific beekeeping businesses	<a href="#">Dr Cooper Schouten</a> Southern Cross University <a href="mailto:cooper.schouten@scu.edu.au">cooper.schouten@scu.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji Vanuatu Solomon Islands
Masters or PhD	Development of a bee hive design for the Small Asian Honey Bee ( <i>Apis cerana javana</i> )	<a href="#">Dr Cooper Schouten</a> Southern Cross University <a href="mailto:cooper.schouten@scu.edu.au">cooper.schouten@scu.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji Vanuatu Solomon Islands
Masters or PhD	Evaluating practices to reduce impacts of tropical cyclones on honey bees and beekeeping enterprises in Fiji	<a href="#">Dr Cooper Schouten</a> Southern Cross University <a href="mailto:cooper.schouten@scu.edu.au">cooper.schouten@scu.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji Vanuatu Solomon Islands



Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
<b>Masters or PhD</b>	Factors influencing production and income among queen bee breeding operations in Pacific beekeeping industries	<a href="#">Dr Cooper Schouten</a> Southern Cross University <a href="mailto:cooper.schouten@scu.edu.au">cooper.schouten@scu.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji Vanuatu Solomon Islands
<b>Masters or PhD</b>	Estimating return on investment among smallholder beekeeping enterprises based on scales of operations and products	<a href="#">Dr Cooper Schouten</a> Southern Cross University <a href="mailto:cooper.schouten@scu.edu.au">cooper.schouten@scu.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji Vanuatu Solomon Islands
<b>Masters or PhD</b>	Development of varroa mite economic thresholds and IPM strategies for beekeeping industries in Fiji	<a href="#">Dr Cooper Schouten</a> Southern Cross University <a href="mailto:cooper.schouten@scu.edu.au">cooper.schouten@scu.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji Vanuatu Solomon Islands
<b>Masters or PhD</b>	Muck disorder of honey bees: Causes and control strategies	<a href="#">Dr Cooper Schouten</a> Southern Cross University <a href="mailto:cooper.schouten@scu.edu.au">cooper.schouten@scu.edu.au</a>	<a href="#">Prof Roland De Marco</a> <a href="mailto:pvc-r@fnu.ac.fj">pvc-r@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji Vanuatu Solomon Islands

## Social Systems

ACIAR Project Number - [SSS/2019/140](#)

ACIAR Project Title - Landcare: an agricultural extension and community development model at district and national scale in Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
<b>Masters</b>	Understanding the time use of farmers in their livelihood choice in Sigatoka, Labasa, and Taveuni areas of Fiji	<a href="#">Dr Mary Johnson</a> RMIT <a href="mailto:mary.johnson@rmit.edu.au">mary.johnson@rmit.edu.au</a>	Dr William Kerua <a href="mailto:William.kerua@fnu.ac.fj">William.kerua@fnu.ac.fj</a>  Dr Salesh Kumar <a href="mailto:salesh.kumar@fnu.ac.fj">salesh.kumar@fnu.ac.fj</a>	Eberhard Weber <a href="mailto:eberhard.weber@usp.ac.fj">eberhard.weber@usp.ac.fj</a>	Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
<b>Masters</b>	Exploring the interface between social systems and economic outcomes. (Fiji)	<a href="#">Dr Mary Johnson</a> RMIT <a href="mailto:mary.johnson@rmit.edu.au">mary.johnson@rmit.edu.au</a>	Dr William Kerua <a href="mailto:William.kerua@fnu.ac.fj">William.kerua@fnu.ac.fj</a>  Dr Salesh Kumar <a href="mailto:salesh.kumar@fnu.ac.fj">salesh.kumar@fnu.ac.fj</a>	Eberhard Weber <a href="mailto:eberhard.weber@usp.ac.fj">eberhard.weber@usp.ac.fj</a> Dr Isoa Korovulavula <a href="mailto:isoa.korovulavula@usp.ac.fj">isoa.korovulavula@usp.ac.fj</a>	Fiji
<b>Masters</b>	Farmers Perception on climate change impact on farm produce in Sigatoka, Labasa, and Taveuni areas of Fiji	<a href="#">Dr Mary Johnson</a> RMIT <a href="mailto:mary.johnson@rmit.edu.au">mary.johnson@rmit.edu.au</a>	Dr William Kerua <a href="mailto:William.kerua@fnu.ac.fj">William.kerua@fnu.ac.fj</a>  Dr Salesh Kumar <a href="mailto:salesh.kumar@fnu.ac.fj">salesh.kumar@fnu.ac.fj</a>	Eberhard Weber <a href="mailto:eberhard.weber@usp.ac.fj">eberhard.weber@usp.ac.fj</a>  Dr Isoa Korovulavula <a href="mailto:isoa.korovulavula@usp.ac.fj">isoa.korovulavula@usp.ac.fj</a>	Fiji
<b>Masters</b>	Targeted capacity building to enhance rural women's livelihoods. (Fiji)	<a href="#">Dr Mary Johnson</a> RMIT <a href="mailto:mary.johnson@rmit.edu.au">mary.johnson@rmit.edu.au</a>	Dr William Kerua <a href="mailto:William.kerua@fnu.ac.fj">William.kerua@fnu.ac.fj</a>  Dr Salesh Kumar <a href="mailto:salesh.kumar@fnu.ac.fj">salesh.kumar@fnu.ac.fj</a>	Eberhard Weber <a href="mailto:eberhard.weber@usp.ac.fj">eberhard.weber@usp.ac.fj</a>	Fiji
<b>Masters</b>	Exploring the factors affecting agroforestry adoption by smallholder farmers in Fiji.	<a href="#">Dr Mary Johnson</a> RMIT <a href="mailto:mary.johnson@rmit.edu.au">mary.johnson@rmit.edu.au</a>	Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>  Dr Shipra Shah <a href="mailto:shipra.shah@fnu.ac.fj">shipra.shah@fnu.ac.fj</a>  Dr William Kerua <a href="mailto:William.kerua@fnu.ac.fj">William.kerua@fnu.ac.fj</a>  Dr Salesh Kumar <a href="mailto:salesh.kumar@fnu.ac.fj">salesh.kumar@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji
<b>Masters</b>	Forests, trees, and agroforestry for supporting rural livelihoods in Fiji.	<a href="#">Dr Mary Johnson</a> RMIT <a href="mailto:mary.johnson@rmit.edu.au">mary.johnson@rmit.edu.au</a>	Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>  Dr Shipra Shah <a href="mailto:shipra.shah@fnu.ac.fj">shipra.shah@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
			Dr William Kerua <a href="mailto:William.kerua@fnu.ac.fj">William.kerua@fnu.ac.fj</a>  Dr Salesh Kumar <a href="mailto:salesh.kumar@fnu.ac.fj">salesh.kumar@fnu.ac.fj</a>		

## Soil and Land Management

**ACIAR Project Number** – SLAM/2020/139 (follow-on project to [SLAM/2016/111](#))

**ACIAR Project Title** - Soil management in Pacific Islands - Phase 2: investigating nutrient dynamics and the utility of soil information for better soil and crop management

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
<b>Masters or PhD</b>	Using APSIM and DSSAT crop models to simulate how historical and future climate change scenario impact the growth and yield of taro in different soil types and agro-ecological zones in those countries.	<a href="mailto:dio.antille@csiro.au">Dr Dio Antille</a> CSIRO <a href="mailto:dio.antille@csiro.au">dio.antille@csiro.au</a>	Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="mailto:mdabdul.kader@usp.ac.fj">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>  Dr Viliamu Iese <a href="mailto:viliamu.iese@usp.ac.fj">viliamu.iese@usp.ac.fj</a>	Tonga Samoa Fiji
<b>Masters or PhD</b>	Investigating changes in soil fertility in Upolu Island of Samoa	<a href="mailto:ben.macdonald@csiro.au">Dr Ben Macdonald</a> CSIRO <a href="mailto:ben.macdonald@csiro.au">ben.macdonald@csiro.au</a>	Dr Hirdesh Kumar Sachan <a href="mailto:hirdesh.sachan@fnu.ac.fj">hirdesh.sachan@fnu.ac.fj</a>  Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="mailto:mdabdul.kader@usp.ac.fj">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>	Samoa
<b>Masters or PhD</b>	Estimating soil organic carbon stock in Upolu Island of Samoa	<a href="mailto:uta.stockmann@csiro.au">Dr Uta Stockmann</a> CSIRO <a href="mailto:uta.stockmann@csiro.au">uta.stockmann@csiro.au</a>	Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="mailto:mdabdul.kader@usp.ac.fj">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>	Samoa
<b>Masters or PhD</b>	Building resilient farming systems for climate change adaption and improved resource-use efficiency	<a href="mailto:dio.antille@csiro.au">Dr Dio Antille</a> CSIRO <a href="mailto:dio.antille@csiro.au">dio.antille@csiro.au</a>	Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	Dr Viliamu Iese <a href="mailto:viliamu.iese@usp.ac.fj">viliamu.iese@usp.ac.fj</a>	Tonga Samoa Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
<b>Masters or PhD</b>	Evaluating production practice and economic feasibility of double-cropping and relay-intercropping systems	<a href="#">Dr Dio Antille</a> CSIRO <a href="mailto:dio.antille@csiro.au">dio.antille@csiro.au</a>	Dr Hirdesh Kumar Sachan <a href="mailto:hirdesh.sachan@fnu.ac.fj">hirdesh.sachan@fnu.ac.fj</a>  Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="#">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>  Dr Viliamu Iese <a href="mailto:viliamu.iese@usp.ac.fj">viliamu.iese@usp.ac.fj</a>	Samoa
<b>Masters or PhD</b>	Using taro macro and micronutrient contents to determine soil and management constraints	<a href="#">Dr Ben Macdonald</a> CSIRO <a href="mailto:ben.macdonald@csiro.au">ben.macdonald@csiro.au</a>	Dr Hirdesh Kumar Sachan <a href="mailto:hirdesh.sachan@fnu.ac.fj">hirdesh.sachan@fnu.ac.fj</a>  Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="#">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>  Dr Viliamu Iese <a href="mailto:viliamu.iese@usp.ac.fj">viliamu.iese@usp.ac.fj</a>	Vanuatu Tonga Fiji
<b>Masters or PhD</b>	Nutrient status of coconut plantations	<a href="#">Dr Ben Macdonald</a> CSIRO <a href="mailto:ben.macdonald@csiro.au">ben.macdonald@csiro.au</a>  <a href="#">Dr Uta Stockmann</a> CSIRO <a href="mailto:uta.stockmann@csiro.au">uta.stockmann@csiro.au</a>	Dr Hirdesh Kumar Sachan <a href="mailto:hirdesh.sachan@fnu.ac.fj">hirdesh.sachan@fnu.ac.fj</a>  Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="#">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>	Vanuatu
<b>Masters or PhD</b>	Soil carbon dynamics under different land-use systems	<a href="#">Dr Ben Macdonald</a> CSIRO <a href="mailto:ben.macdonald@csiro.au">ben.macdonald@csiro.au</a>  <a href="#">Dr Uta Stockmann</a> CSIRO <a href="mailto:uta.stockmann@csiro.au">uta.stockmann@csiro.au</a>	Dr Hirdesh Kumar Sachan <a href="mailto:hirdesh.sachan@fnu.ac.fj">hirdesh.sachan@fnu.ac.fj</a>  Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="#">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>  Dr Viliamu Iese <a href="mailto:viliamu.iese@usp.ac.fj">viliamu.iese@usp.ac.fj</a>  Arishma Ram <a href="mailto:arishma.ram@usp.ac.fj">arishma.ram@usp.ac.fj</a>	Fiji
<b>Masters or PhD</b>	Soil plant available water and implications of a changing climate on production systems	<a href="#">Dr Dio Antille</a> CSIRO <a href="mailto:dio.antille@csiro.au">dio.antille@csiro.au</a>	Dr Hirdesh Kumar Sachan <a href="mailto:hirdesh.sachan@fnu.ac.fj">hirdesh.sachan@fnu.ac.fj</a>  Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="#">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>  Dr Viliamu Iese <a href="mailto:viliamu.iese@usp.ac.fj">viliamu.iese@usp.ac.fj</a>	Fiji

Program	Possible Research Topic	Australian Co-Supervisor	FNU Supervisor/s	USP Supervisor/s	Fieldwork Location
<b>Masters or PhD</b>	Investigating the impacts of the recent volcanic ash on the physical, biological and/or chemical properties of Tongan soil	<a href="mailto:uta.stockmann@csiro.au">Dr Uta Stockmann</a> CSIRO <a href="mailto:uta.stockmann@csiro.au">uta.stockmann@csiro.au</a>	Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="mailto:mdabdul.kader@usp.ac.fj">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>  Dr Viliamu Iese <a href="mailto:viliamu.iese@usp.ac.fj">viliamu.iese@usp.ac.fj</a>  Arishma Ram <a href="mailto:arishma.ram@usp.ac.fj">arishma.ram@usp.ac.fj</a>	Tonga
<b>Masters or PhD</b>	Impact and recovery of agricultural systems from Severe Tropical Cyclones in Fiji 2015 - 2022 and implications for modelling climate change scenarios for future agricultural landscapes	<a href="mailto:dio.antille@csiro.au">Dr Dio Antille</a> CSIRO <a href="mailto:dio.antille@csiro.au">dio.antille@csiro.au</a>	Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	Prof Surendra Prasad <a href="mailto:surendra.prasad@usp.ac.fj">surendra.prasad@usp.ac.fj</a>	Fiji
<b>Masters or PhD</b>	Drivers of changes in the Fijian Agricultural Landscapes from 2000 to 2020	<a href="mailto:dio.antille@csiro.au">Dr Dio Antille</a> CSIRO <a href="mailto:dio.antille@csiro.au">dio.antille@csiro.au</a>	Dr Deeksha Krishna <a href="mailto:deeksha.krishna@fnu.ac.fj">deeksha.krishna@fnu.ac.fj</a>	<a href="mailto:mdabdul.kader@usp.ac.fj">Dr Md. Abdul Kader</a> <a href="mailto:mdabdul.kader@usp.ac.fj">mdabdul.kader@usp.ac.fj</a>	Fiji