

## ISOA TIRIKULA KOROVULAVULA - CURRICULUM VITAE

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5. **EMAIL ADDRESS:** [isoatiri@gmail.com](mailto:isoatiri@gmail.com)
6. **LANGUAGES & DEGREE OF PROFICIENCY:** Fijian: Mother Tongue  
English: Excellent
7. **COUNTRIES OF WORK:** Australia, Cook Islands, Fiji, Nauru, Niue, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu, and Fiji.

### 8. ACADEMIC ACHIEVEMENT:

- **PhD in Environmental Management** *the University of Queensland, Brisbane, 2014.*  
Thesis Topic: *Significance of community-based values in Integrated Water Resource Management (IWRM) in Fiji*
- **Master of Natural Resource Economics**, *The University of Queensland, Brisbane, 2002.*  
Thesis topic: *Economic Indicators of Sustainability at a Catchment Scale in Australia: A Review*
- **Bachelor of Arts Degree (Geography and Economics)**, *The University of the South Pacific, Suva, 1987-1989.*

### 9. EMPLOYMENT RECORD:

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|--------------------------------|---|--|
| July 2019 to this current time | <b>Acting Director</b><br>Institute of Applied Sciences<br>The University of the South Pacific (USP)          | <ul style="list-style-type: none"><li>• Responsible in overseeing the management of all projects, consultancies, administration, and finance of the Institute of Applied Sciences.</li><li>• Proposal writing for grants and consultancies given IAS is a self-income generating entity within the USP system.</li><li>• Coordinate and Lecture in Social Impact Assessment – PC427</li><li>• Coordinate and Lecture in Undergraduate Course in Geography – EV302 “Sustainable Development”</li><li>• Coordinate and Lecture in Postgraduate Course in Geography – GE 409 “Environmental Change in the Pacific”</li></ul>  |
| March 2015 to July 2019        | <b>Manager Environment Unit</b><br>Institute of Applied Sciences<br>The University of the South Pacific (USP) | <ul style="list-style-type: none"><li>• Manage the Environment Unit operations and networking with key stakeholders in the biodiversity conservation, environmental management, and climate change space. Oversee and prepare consultancy and project proposals specifically on environmental, climate change adaptation and biodiversity conservation.</li><li>• Lead all socioeconomic Impact assessment consultancies for IAS including tourism development, land development in urban areas and peri-urban areas, gravel extractions, logging operations, land development, tourism development, community-based marine and land resource management, commercial potable water initiatives.</li><li>• Lead all socioeconomic Impact assessment consultancies for IAS including tourism development, land development in urban areas and peri-urban areas, gravel extractions, logging operations, community-based marine and land resource management, commercial potable water initiatives.</li></ul> |

## **ISOA TIRIKULA KOROVULAVULA - CURRICULUM VITAE**

- Course Coordinator of Pacific Island Community Co-Adaptation program
  - Team Leader - manage and coordinate the implementing of following projects and consultancies:
    - Restoration of Ecosystem Services and adaptation to climate change (RESCCUE) project. by the French Development Agency and the French Facility for Global Fund (2015-2018) (<https://www.youtube.com/watch?v=3JWI4GWPSFE>)
    - Project Team Leader and Advisor for the IAS-USP component of Ridge to Reef (R2R) project. A catchment management project funded by UNDP GEF (2018-2020).
    - Project Team Leader for the World Bank funded Strategic Environmental and Social Assessment (SESA) for REDD+ readiness for Fiji and Vanuatu (2017-2018).
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|---------------------------------------|---|---|
| <p>March 2013 –<br/>February 2015</p> | <p><b>Community Liaison Officer<br/>USAID Coastal Communities<br/>Adaptation Project (C-CAP)</b><br/><i>(The countries involved in<br/>USAID C-CAP were Fiji, Papua<br/>New Guinea, Vanuatu, Tonga,<br/>Samoa, Kiribati, Nauru,<br/>Solomon Islands, Tuvalu,<br/>Palau, and the Federated<br/>States of Micronesia).</i></p> <p>Pacific Centre for<br/>Environment and Sustainable<br/>Development, The University<br/>of the South Pacific, Suva, Fiji</p> | <ul style="list-style-type: none"> <li>• Carry out activities which include Knowledge and Attitude baseline survey on climate change adaptation initiatives,</li> <li>• Responsible in the application of Rapid Vulnerability Assessment, Risk Assessment, and Infrastructure Prioritization Index Assessment (application of multi-criteria method).</li> <li>• Involved in district/ community selection and selection of country implementing partners; hires, manages, trains, and supports twelve Community Mobilizers; establishes and oversees relationships with national/ local NGOs; supervises Community Liaison Specialist; and with support from Chief of Party and Infrastructure Specialists manages Component 1 activities which include Knowledge and Attitude baseline survey on climate change adaptation, Vulnerability Assessment, Risk Assessment and Infrastructure Prioritization Index Assessment (application of multi-criteria method).</li> </ul> |
| <p>July 2002 –<br/>June 2009</p>      | <p><b>Fellow (Natural Resource<br/>Economist)</b><br/>Institute of Applied Sciences,<br/>The University of the South<br/>Pacific, Suva, Fiji</p>  | <ul style="list-style-type: none"> <li>• Responsible in conducting Environmental Impact Assessment.</li> <li>• Responsible in biodiversity socioeconomic assessments.</li> <li>• Subject Matter Expert in the development of a curriculum (using the Train X methodology – Train Sea-Coast Manual) on environmental and resource economics for community-based resource management projects in the Pacific</li> <li>• Local Environmental Management Specialist for the Asian Development Bank Consultancy for Water and Sewerage Capacity Building, Department of Water and Sewerage, Government of Fiji</li> <li>• Conducted the Socioeconomic component of Forest Certification Audit which was commissioned by Smartwood (affiliated to the Forest Stewardship Council) for Fiji's Hardwood Corporation Ltd Mahogany Plantation in Fiji</li> </ul>  |

## *ISOA TIRIKULA KOROVULAVULA - CURRICULUM VITAE*

Jan 2002 – June 2002	<p><b><i>Ecological Economist (Part Time)</i></b> Ecosystem and Communities Unit, Natural Resource Sciences, Department of Natural Resources and Mines, Queensland State Government, Australia</p>	<ul style="list-style-type: none"> <li>• Analyse appropriate economic indicators of sustainability at a catchment scale in Queensland, Australia. These economic indicators provide a clear guide to how catchments can be managed ecologically sustainable.</li> <li>• Develop appropriate economic analysis framework for evaluating salinity management options in Queensland, Australia. The key factors in the management options are the biological interventions, appropriate engineering measures, adapting to the current status or do nothing.</li> <li>• Biological intervention includes the following: <ul style="list-style-type: none"> <li>▪ Improved water use in horticulture and viticulture</li> <li>▪ Trees and perennial pastures (combination)</li> <li>▪ Protection and enhancement of native vegetation</li> <li>▪ Salt tolerant plants (grasses, legumes, woody shrubs, and trees)</li> </ul> </li> <li>• Engineering measures: <ul style="list-style-type: none"> <li>▪ Surface Drainage /Raised beds.</li> <li>▪ Living with Salinity (adaptative measures).</li> </ul> </li> <li>• Living with Salinity (adaptative measures) <ul style="list-style-type: none"> <li>▪ Salt tolerant plants (grasses, legumes, woody shrubs and trees)</li> </ul> </li> <li>• Do Nothing <ul style="list-style-type: none"> <li>▪ Do not change current practices.</li> </ul> </li> </ul>
1997 – 2000	<p><b><i>Environmental Education Officer</i></b> Pacific German Regional Forestry Project/ Secretariat of the Pacific Community (SPC)/German Technical Co-operation (GTZ)/, Suva, Fiji</p>	<ul style="list-style-type: none"> <li>• Formulating and implementing awareness strategies on Sustainable Forest Management in five island nations in the South Pacific (Niue, Fiji, Cook Islands, Vanuatu, and Samoa). Working closely with relevant government and non-government agencies in all the countries</li> <li>• Organised and facilitated series of training of trainers meeting on environment awareness and education in Niue and Vanuatu. Most of the participants were government officers from the forestry and agricultural departments.</li> <li>• Organized and facilitated series of community workshops on land resource rehabilitation and conservation of native flora in Atiu, Mangaia, Mauke and Mitiaro in the Cook Islands.</li> <li>• Formulated a framework on how to value non-timber forest resources.</li> </ul>

## ISOA TIRIKULA KOROVULAVULA - CURRICULUM VITAE

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|-------------|--|---|
| 1992– 1997  | <b>Co-ordinator</b><br>South Pacific Action<br>Committee for Human Ecology<br>& Environment (SPACHEE), | <ul style="list-style-type: none"><li>• Responsible in overseeing the management of all projects, consultancies, administration, and finance of SPACHEE. One of the key roles is fundraising through project proposal writing, membership drive and providing consultancy services in environmental management and community based natural resource management.</li><li>• Resource person at the Non-Governmental Organisation [NGO] Consultative Meeting on Gender and Sustainable Development of Small Island Developing State organised by UNIFEM, Suva, 1994.</li><li>• Conducted a socio-economic survey and assessment on the impact of climate change on the 'Tourism Sector' in Fiji. This consultancy was part of the University of the South Pacific and the South Pacific Regional Environment Programme Climate Change and Adaptive Vulnerability Regional Assessment.</li><li>• Conducted an Environmental Awareness consultancy for the Department of Environment, Fiji Government, as part of the formulation of the draft of Fiji's Sustainable Development Bill, funded by the Asian Development Bank.</li><li>• Conducted a series of ethnobiological surveys in Verata and Koroyanitu [Fiji] and Northern part of Ambrym Island [Vanuatu] as a part of a Melanesian Community Based Biodiversity Conservation Programme co-ordinated by the University of the South Pacific.</li></ul> |
| 1990 - 1992 | <b>Research Officer</b><br>Economics Department,<br>Reserve Bank of Fiji,                              | <ul style="list-style-type: none"><li>• Assess and analyse various aggregate economic indices such as the consumer price Index, interest rates for promissory notes,</li><li>• Prepare cash flow analysis for all the various financial institutions as well as monitor the commercial banks interest rates.</li></ul>  |

### 10. PROFESSIONAL MEMBERSHIP & AFFILIATION

- Chairperson of the Fiji's National Integrated Coastal Management Committee as specified in the Environmental Management Act 2005
- Trustee of the Fiji Locally Managed Marine Area Network (FLMMA)
- Trustee of the Women and Fisheries Network

### 11. PUBLICATIONS

#### Book Chapters

- Fink, Michael and Klöck, Carola and **Korovulavula, Isoa T.** and Nunn, Patrick D. (2021) [Community participation, situated knowledge and climate change \(Mal-\) adaptation in rural island communities: Evidence from artificial shoreline protection structures in Fiji.](#) In: Small Island Developing States: Vulnerability and Resilience Under Climate Change. Springer Nature, Switzerland, pp. 57-79. ISBN 978-3-030-82773-1
- Nunn, Patrick D. and McLean, Roger and Dean, Annika and Fong, Teddy and Iese, Viliamu and Katonivualiku, M. and Klöck, Carola and **Korovulavula, Isoa T.** and Kumar, Roselyn and Tabe, Tammy (2019) [Adaptation to climate change: contemporary challenges and](#)

## ISOA TIRIKULA KOROVULAVULA - CURRICULUM VITAE

[perspectives](#). In: Climate Change and Impacts in the South Pacific *Protection*. Springer Climate Series. Springer Nature, Switzerland, pp. 499-524. ISBN 978-3-030-32877-

- Paeniu, L, Iese, V, Jacot des Combes, H, N'Yeurt, Antoine de Ramon, **Korovulavula, I.** 2015. *Coastal: Best Practices from the Pacific*, Pacific Centre for Environment and Sustainable Development (PaCE-SD), the University of the South Pacific, Suva.
- Manoa, P, and Korovulavula, I, 2008. Sharing All the Benefits: The Challenge of Legal Recognition of Indigenous Intellectual and Cultural Property Rights in the Fiji Islands in Biodiversity Conservation, Law + Livelihoods: Bridging the North-South Divide, eds. Michael I. Jeffery, Jeremy Firestone and Karen Bubna-Litic.

### Journal Articles

- Nunn, P. D., Kumar, R., Barrowman, H. M., Chambers, L., Fifita, L., Gegeo, D., Gomese, C., McGree, S., Rarai, A., Cheer, K., Esau, D., Fa'anunu, '., Fong, T., Fong-Lomavatu, M., Geraghty, P., Heorake, T., Kekeubata, E., **Korovulavula, I.**, Kubunavanua, E., Waiwai, M. (2024). Traditional knowledge for climate resilience in the Pacific Islands. WIREs Climate Change, e882. <https://doi.org/10.1002/wcc.882>
- Cazé, Cosma and Mazé, Camille and Danto, Anatole and Saeedi, Hanieh and Lear, Dan and Suominen, Saara and Ginigini, Joape and Brodie, Gilianne D. and **Korovulavula, Isoa T.** and Pinto, Isabel S. (2023) [Co - designing marine science beyond good intentions: support stakeholders' empowerment in transformative pathways](#). ICES Journal of Marine Science, 155 . NA. ISSN 1054-3139
- Robertson, Thomas and Greenhalgh, Suzie and **Korovulavula, Isoa T.** and Tikoibua, Tomasi and Radikedike, Pio and Stahlmann-Brown, Philip (2020) [Locally managed marine areas: implications for socio - economic impacts in Kadavu, Fiji](#). Marine Policy, 117 (103950). NA. ISSN 0308-597X
- **Korovulavula, Isoa T.** and Nunn, Patrick D. and Kumar, Roselyn and Fong, Teddy (2020) [Peripherality as key to understanding opportunities and needs for effective and sustainable climate - change adaptation: a case study from Viti Levu Island, Fiji](#). Climate and Development, 12 (10). pp. 888-898. ISSN 1756-5529
- Nunn, P.D., McLean, R.F, Dean, A., Fong, T., Iese, V., Katonivualiku, M., Klöck, C., **Korovulavula, I.**, Kumar, R. and Tabe, T. 2019. Adaptation to climate change: contemporary challenges and perspectives. In: Kumar, L. (ed). *Climate Change and Impacts in the South Pacific*. Berlin: Springer.
- **Korovulavula, I.**, 2005. A Framework for Socioeconomic Valuation of Biodiversity in the PABITRA Focal Sites in Fiji, Pacific Science, Volume 59 (2).
- Aalbersberg W, Parks, J, Russel, D, I and **Korovulavula I**, *The Role of a Fijian Community in a Bioprospecting Project in a Fijian Community*, Biodiversity Conservation Network Programme Web Publication [https://pdf.usaid.gov/pdf\\_docs/Pnacg917.pdf](https://pdf.usaid.gov/pdf_docs/Pnacg917.pdf) , 1997.
- Aalbersberg W, Parks, J, Russel, D, I and **Korovulavula I**, *In Search of a Cure, Bioprospecting as a Marine Conservation Tool in Fijian Community*, Biodiversity Conservation Network Programme Web Publication <http://www.bcnet.org/bsp/bcn/results/insearchof.htm>, 1997.

### Selected Technical Reports

- **Korovulavula, I.** 2016, *Freshwater community-based protected areas and fisheries management in Ra Province: diagnosis and action plan*, Noumea, New Caledonia: Pacific Community. 29 p.
- **Korovulavula, I.** 2016. *Establishment and maintenance of protected areas in Kadavu Province, Fiji: diagnosis and action plan*. 31 p.

### **ISOA TIRIKULA KOROVULAVULA - CURRICULUM VITAE**

- Greenhalgh S., Booth P, Walsh P., **Korovulavula, I.**, Copeland L. 2018. *Freshwater tabus and protected areas: An overview of benefits and costs of implementation for practitioners*. Noumea, New Caledonia: Pacific Community 16p.
- Greenhalgh S, Brown, P. and **Korovulavula, I.** 2016. Sustainable management of biodiversity and ecosystem services in Kadavu Province – diagnosis and action plan Noumea, New Caledonia: Pacific Community 80p
- **Korovulavula I.** 2016. *Climate change impacts in Ra and Kadavu Provinces*, Fiji, Noumea, New Caledonia: Pacific Community. 17p.
- O’Garra, **Korovulavula, I** and Ratuniata, R 2007. *Iqoliqoli* (Indigenous Customary Fishing ground) and *Tourism Economic Valuation*, Institute of Applied Sciences Technical Report, The University of the South Pacific.
- Comley, J., **Korovulavula, I.**, Naikatini, A., Meo, S., Fong, S. and Volavola-Tawake, L. 2007. The EIA report on the World Hobie Cat-USP reclamation development at Laucala Bay Suva Point, IAS Technical Report No. 211, 80p.
- **Korovulavula, I.**, and Naikatini, A. 2007. The GEF-SGP Planning Grant Report on the Naisaumua Eco-tourism and Traditional Conservation project. IAS Technical Report No. 212, 19p.
- **Korovulavula, I.**, Tamata, B. and Hughes, B. 2007. The Yavusa Salatu Environment and Financial Assessment Report on Fulton College Dumpsite, IAS Technical Report No. 213, 14p.
- Smith, W. and **Korovulavula, I.** 2007. The Field Test and Review of the Fiji Forest Certification Standard Report, IAS Technical Report No. 214, 73p.
- **Korovulavula, I** and Tuiwawa, M, 1990. *Ethnobotanical study report*: Drawa Block, Vanua Levu, Secretariat of the Pacific Community; Deutsche Gesellschaft für Technische Zusammenarbeit, Suva.
- Nunn, P, Aalbersberg W, Clarke, W and **Korovulavula I**, *Coastal Vulnerability and Resilience in Fiji Assessment of Climate Change Impacts and Adaptation Phase IV*, SPREP Publication, 1996.

#### **12. PROFESSIONAL TRAINING**

- Teaching Environmental Law at University Level Course (1997, IUCN/APCEL/UNEP Programme, Faculty of Law, National University of Singapore).
- Biodiversity Socio-economic Monitoring & Evaluation Course at the University of the Philippines at Los Banos, Laguna, Philippines (1995, SEARCA, by the Biodiversity Conservation Network [USAID funded programme]).
- Participatory Rural Appraisal Workshop at the University of the South Pacific (1995, organised by the South Pacific Action Committee for Human Ecology and Environment [SPACHEE] & Clark University, USA).
- Environmental Impact Assessment Workshop (1993, organised by the South Pacific Regional Environment Programme [SPREP]/the University of the South Pacific).
- Course on Sustainable Development and Environmental Protection in the United States of America (1993, funded and organised by the United States Information Agency).
- Natural Resource Management Participatory Monitoring & Evaluation Course (1993, organised by the Worldwide Fund of Nature / Foundation of the Peoples of the South Pacific, Port Vila, Vanuatu).

#### **13. QUANTITATIVE AND QUALITATIVE EVALUATION SKILLS**

- MS Office word software.
- *Facilitator* a software programme for conducting multi-criteria analysis; and
- STELLA for systems dynamics analysis and modelling