

ANDREW GRANT IRVIN

Sustainability Consultant & STEM/HASS Researcher

SUMMARY OF PROFESSIONAL EXPERIENCE

MELBOURNE CENTRE FOR CITIES

Project Officer in Urban Innovation, Melbourne, Australia: June 2023 – Present.

Coordinating the Innovate4Cities (I4C) Global Marketplace event in coordination with the Global Covenant of Mayors secretariat and UN-Habitat, while organizing corresponding interviews for the ClimateTalks podcast series on city leadership.

- ◆ Liaising with I4C partners and participants concerning program development for the I4C Global Marketplace, supporting the GCoM Global Research & Action Agenda and Cities Research & Innovation Agenda activities by local governments.
- ◆ Preparing communications material and cross-sectoral content for I4C activities and coordination efforts.

UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)

Consultant, Apia, Samoa: May 2024 – June 2024.

Evaluation of e-Asia technical proposals for suitability to contribute domestic maritime transport decarbonization pathways.

- ◆ Reviewing bid documents for compliance vessel design parameters and team composition

CENTRE FOR ENVIRONMENT, FISHERIES AND AQUACULTURE SCIENCE (UNITED KINGDOM)

Consultant, Suva, Fiji: July 2023 – July 2024.

Development of National Maritime Transport Policy and Port Upgrade Pilot Project in Belize under a project led by Waste Recycling Environment Network (WREN).

- ◆ Reviewing existing and draft policies/projects under development/implementation across sectors pertaining to port activity as pertaining to MARPOL Convention compliance under the International Maritime Organization requirements.
- ◆ Liaising with the relevant Government stakeholders and transport/solid waste management sector stakeholders.
- ◆ Delivery of policy and feasibility study through drafting and finalization process to the satisfaction of both Government of Belize and CEFAS.

WORLD BANK GROUP

Consultant, Suva, Fiji: October 2023 – April 2024.

Providing advisory support to the land transport project, *Reducing Car Dependency in Pacific Island Countries (PICs)*.

- ◆ Undertaking WHO Health & Economic Assessment Tool for Walking & Cycling basic modeling for all Pacific Island Countries, inclusive of explanatory reporting and walkthrough presentation material.
- ◆ Delivering Pacific Island policy and market context to the overarching project, supporting workshop delivery in Fiji, Kiribati, Solomon Islands, and Tonga with presentations, reporting inputs, stakeholder identification, and peer review outreach.

UNITED NATIONS ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC (UNESCAP)

Consultant, Suva, Fiji: September 2022 – June 2023.

Serving as the Fiji focal point in the multi-country effort to devise and deploy national strategies for the e-mobility transition of the public transport sector.

- ◆ Reviewing the existing policies and practices to develop a draft national strategy for electrification of public transport fleet in Fiji.
- ◆ Liaising with the relevant Government stakeholders and transport stakeholders.
- ◆ Organization of a National Workshop to seek feedback and finalize strategy/policy/roadmap.

WORLD BANK GROUP

Consultant, Suva, Fiji: April 2022 – June 2023.

Providing Maritime Transport sectoral support to Asia Pacific Waste Consultants and FCG in the project, *Assessment of the scope, scale and impacts of marine plastic pollution on key blue economy sectors (tourism, fishery, and maritime transport) in the Pacific Island Countries (PICs)*.

- ◆ Undertaking data collection and analytical support to findings regarding sector-specific activities pertaining to waste generation, capture, and leakage across the marine environments of PICs.

- ◆ Contributing to sector-specific and country-specific reports on the management of plastic waste from marine sources in PICs.

CENTRE FOR ENVIRONMENT, FISHERIES AND AQUACULTURE SCIENCE (UNITED KINGDOM)

Consultant, Suva, Fiji: November 2022 – February 2023.

Delivering sustainable development oversight and consideration in the development of terms of reference for selection of a Maritime Advisor and Port Upgrade Pilot Project in Belize under a project led by Asia Pacific Waste Consultants.

- ◆ Reviewing existing and draft policies/projects under development/implementation across sectors pertaining to port activity as pertaining to MARPOL Convention compliance under the International Maritime Organization requirements.
- ◆ Liaising with the relevant Government stakeholders and transport/solid waste management sector stakeholders.
- ◆ Presentation of draft material at a national validation workshop to seek feedback and finalize the terms of reference.

THE UNIVERSITY OF THE SOUTH PACIFIC

Micronesian Center for Sustainable Transport, Faculty of Science, Technology and Environment,

Project Officer, Oceania: April 2019 – February 2023.

Conducting economic and technical research on sustainable transport requirements of the Republic of the Marshall Islands and other island nations of Oceania to deploy maritime, land, and aviation transport measures to improve the energy efficiency and sustainability of transport services across the region.

- ◆ Collecting domestic and international trade data to build an economic case study for prospective routes inclusive of underserved outer islands and atolls of Federated States of Micronesia, Fiji, Kiribati, Marshall Islands, and Tuvalu under the Cerulean Project – a joint research initiative between USP and Swire Shipping to design a new class of small, low-carbon, inter-island freighter.
- ◆ Serving as a member of the Technical Working Group for the Pacific Blue Shipping Partnership, a US\$500m multi-country initiative to transition national sea transport fleets toward a zero carbon 2050 target.
- ◆ Representing MCST through drafting and delivering presentations on sustainable transport technology and policy research at various regional and international fora such as the Pacific Horticultural and Agricultural Market Access (PHAMA) Program Transport Symposium, the International Geographic Union Commission on Local and Regional Development, and others.

PACIFIC REGIONAL INFRASTRUCTURE FACILITY

Consultant, Suva, Fiji: October, 2022 – November, 2022.

Recruited by Marine Plastic Solutions to provide in-country coordination and stakeholder consultation in Fiji in support of a Pre-Feasibility Study regarding the prospect of establishing a Regional Recycling Hub serving Pacific Island Countries (PICs).

- ◆ Scheduling and conducting interviews and data collection with private sector stakeholders across the waste management and manufacturing sectors within Fiji.
- ◆ Delivering de-briefing documents and findings to the Marine Plastic Solutions team for inclusion in the draft Pre-Feasibility Study report commissioned by the PRIF

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT (UNCTAD)

Consultant, Suva, Fiji: February, 2022 – September, 2022.

Delivering a Sustainable Freight Transport Assessment across the land and maritime transport sectors of Fiji in accordance with UNCTAD standards and operational parameters.

- ◆ Preparing and implementing stakeholder survey questionnaires for public, private, and civil society stakeholders concerning indicators of sustainability in freight transport.
- ◆ Facilitating multi-sectoral interviews with key policy-makers and regulators to inform data collection and presentation in assessment reporting.

UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)

Consultant, Suva, Fiji: July, 2020 – March, 2022.

Providing support as Land Transport Expert on a nine-member team involved in developing sectoral Greenhouse Gas baselines under UNDP's Climate Promise for NDC Enhancement.

- ◆ Preparing components for enhancement of Nationally Determined Contributions (NDCs) for the governments of Tonga, Palau, Kiribati, and Nauru.
- ◆ Facilitating multi-sectoral and government dialogues for approval of mechanisms for implementation of land transport-related elements of each country's NDC.

FIJI SUN**Contributing Writer, Suva, Fiji: March 2020 – April 2022.**

Delivering op-ed columns for inclusion in the weekly shipping analysis section of the daily newspaper.

- ◆ Researching current sector-wide developments across the shipping industry for coverage in public interest articles.

WORLD BANK GROUP**Consultant, Suva, Fiji: April, 2021 – July, 2021.**

Providing in-country support to Economic and Pollution Control expert consultants in developing a suite of recommendations and mechanisms for the replacement of selected polystyrene products from the national economy in Fiji.

- ◆ Undertaking stakeholder mapping and outreach activities across the private sector to inform businesses of the study and collect data on the current practices and considerations for inclusion in the assessment and report.
- ◆ Designing interview questionnaire guidelines and data collection templates for private sector, state-owned enterprises, and ministerial use.
- ◆ Providing domestic context for the World Bank team on the existing market realities of polystyrene use in Fiji, participating in regular update briefings, team meetings, and document review of generated material.

MATANATAKI GROUP**Consultant, Suva, Fiji: December, 2020 – February, 2021.**

Conducting a market assessment on behalf of Waste Recyclers Fiji Ltd. to evaluate market readiness, scope, and scale of the resource recovery options available for the waste management and recycling industry in Fiji.

- ◆ Developing and administering a market survey across the private sector of Fiji to determine waste volume estimates for a range of recyclable goods.
- ◆ Conduct a desktop review and technology readiness assessment for remanufacturing materials into post-consumer goods in the domestic/Oceania market.
- ◆ Compile a report presenting a snapshot and analysis of the current market situation in Fiji for prospective capital investment on the part of investors involved with Matanataki partners; Landscape Finance Lab, Ikigai Advisors, Ennovent, and The Earth Care Agency.

GLOBAL GREEN GROWTH INSTITUTE (GGGI)**Consultant, Suva, Fiji: September, 2019 – February, 2021.**

Devising Investment Plans & Project Pipelines for the Nationally Determined Contribution (NDC) Roadmaps of Fiji, Kiribati, and Tuvalu covering the Land Transport and Aviation Transport sub-sectors in each country.

- ◆ Developed a suite of proposals for targeted governance, policy, and market interventions to achieve emission reductions in the Land and Aviation Transport sub-sectors in the project countries.
- ◆ Convened broad stakeholder consultations and convened workshops with government and private sector to review and validate viability of proposed emission reduction measures.
- ◆ Calculated individual investment value estimates and emission reductions for each potential project implementation period, totaling over US\$17.2 billion with potential sub-sectoral avoided emissions of approximately 2.9 million tonnes of CO₂.

GLOBAL GREEN GROWTH INSTITUTE (GGGI)**Consultant, Suva, Fiji: August, 2018 – December, 2019.**

Providing support to Fiji Government, designing the Monitoring & Evaluation structure for the Fiji Rural Electrification Fund (FREF).

- ◆ Designed the pre- and post-implementation survey templates (both handwritten and digital formats, utilizing the World Bank Survey Solutions platform), as well as guidelines, and work plans for determining socio-economic and environmental viability and benefits of rural energy access projects.
- ◆ Conducted workshop and practical field training of surveyors from the FREF partner organizations and businesses.
- ◆ Provided reporting inclusive of analysis and recommendations around socio-economic, environmental, governance, management, and technical indicators of sustainability for FREF partners (Fiji Government, Development Agencies, Private Sector).

ROAD HAULAGE ASSOCIATION OF FIJI**Consultant, Suva, Fiji: May – August, 2019.**

Delivered land transport research, interviews, and analytics in a Cost-Benefit Analysis (CBA) summary report in support of the Road Haulage Association for review by the Ministry of Infrastructure & Transport (MoIT).

- ◆ Designed the Road Haulage Association membership questionnaire templates and ran analysis of the findings to determine respondent contributions toward the macroeconomic impacts of the national land transport cargo sector on the whole of the Fijian economy.
- ◆ Conducted interviews of various land transport sector stakeholders as well as the RHA, Fiji Roads Authority, Land Transport Authority, and MoIT leadership alongside desktop research to generate cost/benefit dimensions and parameters for RHA's CBA report.

IUCN (INTERNATIONAL UNION FOR CONSERVATION OF NATURE) OCEANIA REGIONAL OFFICE

Climate Change Mitigation & Risk Reduction Officer, Oceania: March 2014 – March 2019.

Developing & implementing a broad range of interventions to improve the understanding of the linkages between human development (energy, transport, waste, etc.) and biodiversity & ecosystem services across Oceania.

- ◆ Coordinated all regional-scale preparations for the 2019-2021 Plastic Waste-Free Islands project, a US\$3 million intervention in the Fisheries, Tourism, and Waste Management sectors, preparing a legislative review and conducting all necessary stakeholder engagement with national governments and regional organizations.
- ◆ Served as Business Engagement focal point and Office Energy Efficiency focal point for the Oceania Regional Office to Global IUCN Headquarters, and Global Energy Resolution focal point, developing survey materials and conducting energy auditing at the organizational level, conducting due diligence and research regarding private sector partnerships with IUCN HQ, including the Pacific Ocean Summit at the IUCN World Conservation Congress 2016, and tracking Energy-related Congress Resolutions worldwide.
- ◆ Assumed responsibility for cultivating and expanding relationships with government, NGO, civil society, and private sector representatives throughout the Oceania region, representing the goals and objectives of the Global Environment Facility Pacific Alliance for Sustainability (GEFPAS) Low Carbon Islands project, executing US\$1.29 million in renewable energy/energy efficiency support & development activities with stakeholders in Nauru, Niue, and Tuvalu on behalf of the UN Environment Programme.
- ◆ Led development, drafting, and project management of the Energy, Ecosystems, and Sustainable Livelihoods Small Grants framework, committing US\$350,000 toward supporting community development & enterprise applicants from 14 Pacific Islands Countries to implement projects of up to US\$20,000 each, evaluating against the IUCN global Environment & Social Management System (ESMS) guidelines and standards, including coordination of assistance in project implementation, procurement, as well as handling M&E and reporting requirements for publication of case studies for each grant recipient.

WORLD BANK GROUP

Consultant, Suva, Fiji: October, 2017 – November, 2017.

Providing support on secondment from IUCN to develop a proposed financing mechanism for the replacement and scrapping of outmoded buses within the Fiji bus industry.

- ◆ Organized, convened, and moderated a multi-stakeholder workshop including Fiji bus operators, multinational financing institutions, development partners, and civil society organizations, presenting upon environmental and social business-as-usual scenarios and impacts of various re-fleeting options
- ◆ Drafted an official workshop report following rapporteur activities during workshop activities encompassing stakeholder recommendations and proposed strategies for the re-fleeting process.

MOBIMEDIA, LTD.

Manager of Operations & Performance Consultant, South Pacific: August 2013 – March 2014.

Managed interdepartmental development & delivery of products and services externally to the Digicel South Pacific telecommunications network while building cooperation with regional media & information partners.

- ◆ Assumed responsibility for maintaining and developing relationships with media professionals both locally in Fiji and through correspondence with regional communications officers at broadcasting and print media outlets, amounting to over US\$15,000 per month in promotional revenue.
- ◆ Organized, compiled, and released over two dozen new content subscription services to the Digicel Network, including science and biology education services, which serve over 250,000 customers in a revenue stream generating over US\$300,000 per month.
- ◆ Coordinated campaign expansion with Digicel marketing partners to grow from reaching under 300,000 network users to over 1.8 million customers.

Marketing Executive, South Pacific: November 2012 – August 2013.

Coordinated principal marketing analysis and value-added service development for Digicel South Pacific telecommunications network, providing internal and external product performance reporting and strategic direction.

- ◆ Implemented cross-promotional marketing in Papua New Guinea resulting in over 40% increases in subscription service revenue commencing in July 2013.
- ◆ Designed, coordinated, and managed for Digicel, Post Courier News, EMTv, and PNGfm the launch of National Rugby League polling campaigns, acquiring over 30,000 regular entrants across a 30-week season.
- ◆ Analyzed daily & long-term commercial response to products across Vanuatu, Tonga, Papua New Guinea, and Fiji markets & created promotional initiatives.

ONE TALK 4 ALL, Suva

Production Facilitator, Pasifika Communications, Suva, Fiji: October 2012 – November 2012.

Directed a team of media production & NGO professionals in the development of a cross-platform social service campaign, including the construction and direction of print, radio, television, and online social media content for international distribution.

- ◆ Facilitated identification of market demographics for intended youth audiences, drawing a consensus on theme to impact the cultures of participant nations most effectively across broadcast & online media.
- ◆ Liaised with UNICEF, PACMAS, and the Secretariat of the South Pacific officers on project schedules, regional team performance, operating constraints, resulting in creation of a multimedia campaign under strict deadlines.
- ◆ Supervised & led generation of television, radio, print, and online creative content for public service organizations to utilize in disseminating information on the spread of STIs and health resources for testing.

LONE CUB PRODUCTIONS

Founder & Owner, Los Angeles, CA: January 2012 – March 2014.

Oversee & advise production from inception to completion in various multimedia works, including feature films, shorts, music videos, music albums, photo shoots, print publications, design, web content & artist management.

- ◆ Constructed and managed project fundraising campaign for album cycles of Los Angeles-based musicians, Atta Boy, raising over US\$7,500 for production of the full-length record following the production and promotion of their debut EP, which achieved radio play in Europe, Africa, Asia, and North America.
- ◆ Directed and edited the feature film, *Work It Out*, featuring the performances of dozens of touring musicians, making its world premiere curated by Sneak Eye Pictures at the Breitenseer Lichtspiele in Vienna.

RESEARCH BIBLIOGRAPHY

Irvin, A., Oke, C., Khan, S., Jance IV, B., Ranalder, L., Barth, B., Deacon, A., Adebisi, J., Adsett, C., Ailio, E., Al Jadaa, D., Aslan, s., Assalini, S., Assarkhaniki, Z., Bai, X., Badino, M., Bennett, E., Berensson, M., Bulkeley, H., Bourque, A., Cibaka, A., Santana, A.C., Cardoso, H., Carluccio, S., Cassanmagnago, D., Charest, M., Chow, W., Corbett, D., Doak, M., Dodman, D., De Lamare, N., De Zoeten, M., Djedou, N., Dunlop, K., Eicker, U., Elman, A., Engle, J., Fikresilassie, A., Jadidi, H., Ejaz, S., Johar, I., Jones, A., Jones-Langley, J., Kagan, S., Kilkis, S., Kirk, P., Koseki, S., Kumar, A., Larrivée, C., Lefevre, E., Mahapatra, P., Mariani, P.S., Masic, J., Matsumoto, T., Melica, G., Moraveji, Z.K., Munro, G., Neufeld, B., Neves, L., Newell, C., Parry, L., Patel, S., Palermo, V., Primrizqi, R., Rambelli, G., Revi, A., Roberts, D.C., Roy, F., Salehi, P., San Guerra, R., Sarfatti, C., Shamsaiee, M., Schultz, S., Sioen, G., Soares, M., Solecki, W., Stiffl, B., Strachan, K., Tacconi, M., Takenaka, S., Tedjasaputra, C., Thioye, M., Tollin, N., Trijsberg, I., Üрге-Vorsatz, D., Van Staden, M., Vecchi, F., Verbeeck, J., Watts, H., Williams, H. (2024). *Accelerating Next-Generation City Climate Action: Findings from the 2024 Innovate4Cities Conference and Update to the Global Research and Action Agenda on Cities and Climate Change Science*. Global Covenant of Mayors for Climate and Energy, UN-Habitat & University of Melbourne.

Johnson, S.W., Asian, A.O., Luciano, D.C., Kono, Y., Van Ooijen, B., Campbell, A., Turner, B.M., Hook, W.B., Lieswyn, J.M., Rohatgi, R., & Irvin, A. (2024). *Guide to Mobility for Livable Pacific Cities : Part I - Priority Actions for a Car-Lite Future & Part II - Practitioners' Handbook to Implement the Priority Actions*. Washington, D.C.: World Bank Group.

Tollin, N., & Irvin, A. (2024). *Coalition for High Ambition Multilevel Partnerships (CHAMP) Climate Action Research Landscape*. 2024 Innovate4Cities Conference. Montreal, CA. 12 September, 2024.

Global Covenant of Mayors for Climate & Energy (2024). *Shared Spaces for Urban Innovation: Insights and outcomes from Innovate4Cities Marketplaces*. Jance, B. (ed), Irvin, A. (ed) and Oke, C. (ed), Assalini, S., Barth, B., Deacon, A., Jones, A., Jones-Langley, J., Khan, S., Mariani, P., Melica, G., Oussidhoum, F., Ranalder, L., Parry, L., Salehi, P., & Tacconi, M.

Scherpenhuijsen Rom, E., De Haan, N., Noffke, D., Horstmeier, D., De Haas, M., Kana, A., Akkerman, I., Irvin, A., & Nuttall, P. *Evaluation and Adaptions to the Greenheart Project zero-emission vessel for service in the Pacific Islands*. Transactions of the Royal Institution of Naval Architects Part A: International Journal of Maritime Engineering Vol. 163 No. A4, 2021, 77-88.

Nuttall, P., Newell, A., Rojon, I., Milligan, B., & Irvin, A. (2021). *Pacific island domestic shipping emissions abatement measures and technology transition pathways for selected ship types*. Marine Policy, Vol. 132 No. 1, 2021, 1-17.

- Nuttall, P., Irvin, A., Newell, A., & Bordahandy, P.J. (2021). *To Tax or Not to Tax: The Case for a 1.5 °C Carbon Price on International Shipping—Perspectives from the Climate Most Vulnerable Nations*. Ocean Yearbook Vol. 35, No. 1, 2021, 173-209.
- Irvin, A. (2021). *Land Transport Perceptions, Procedure, and Planning: A Fiji Urban Case Study*. Suva, Fiji. University of the South Pacific.
- Irvin, A. (2019). *Sea Transport - Urban & Rural Development*. IGU2019 - International Geographic Union (IGU) Commission on Local and Regional Development. June 26, 2019.
- Irvin, A. (2018). *Conservation & Biodiversity: Constructing Safeguards in our Infrastructure. National Workshop on Standards and Specifications for Construction Materials (Fiji)*. 23-26 July, 2018.
- Irvin, A. (2017). *Lifecycle Fiji Baseline Survey Analysis & Recommendations Report 2015*. Suva, Fiji. International Union for Conservation of Nature.
- Irvin, A. (2016). *Aviation Technology & Innovation*. Pacific Islands Development Forum (PIDF) Aviation Talanoa.
- Irvin, A. (2016). *Designing the ICAO Global Market-Based Measures Scheme*. Pacific Islands Development Forum (PIDF) Aviation Talanoa.
- Irvin, A. (2016). *The Bicycle: Opportunity & Asset*. WRI/UNDP/UNEP Fiji GCF Readiness Conference. 19 January, 2016.
- Irvin, A. (2014). *"Bicycle Nation" Cycling: An Alternative Mode of Transport - Accessing All Areas through Bicycle Initiatives*. 13th Fiji National Transport Consultative Forum. 13 November, 2014.
- Irvin, A. *The Pacific & The Bicycle: A Human-Powered Solution*. International Conference on Renewable Energy and Climate Change, 14-18 July, 2014.

CREATIVE MEDIA

- Contributing Writer, *Comic Book Yeti* – July, 2022 – present | Interviews Editor, July, 2023 - present
- Producer, *Sadly Never Before* – Short Film, 2024
- Producer, *Climate Talks* podcast: *City Innovation Series*, Season 2, Ep. #1-5, Season 3, Ep. #1-5, 2023 - 2024
- Writer, *Black Wings - Anthropocene*, *Golden Domain: Public Domain Zine of Golden Age Heroes* Vol. #1 – Comic Book, 2024
- Writer, *The Endless Sky* Ep. #1-3 – Webtoon, 2024
- Writer, "Biofouling" – *NUNUM 100 and Done Anthology*, December, 2023
- Co-Writer, *Land of Danger* Issue #1 – Comic Book, 2023
- Writer, *On The Grind* Issue #1 – Comic Book, 2022
- Director/Producer/Editor/Writer, *A New Ride* – Short Film 2018
- Director/Producer/Editor, *Into The Light – EESLI in Kiribati* – Short Film 2018
- Lighting Designer/Technical Supervisor, *Fiji Fashion Week Runway Show*, 2012
- Director/Producer/Editor, *Jordan Besser & The Raw Love, Mornin' Old Boy* – HD Stop Motion Music Video, 2012
- 1st Assistant Director/Production Sound, *The House Sitter* – Television Episode, 2012
- Writer/Director/Producer/Editor, *Felt* – Short Film, 2011
- Assistant Producer, *Rift* – Feature Film, 2011
- Author/Illustrator/Editor, *Sweet Rose: A Year in Ice Cream* – Coloring Book, 2011
- Performer/Producer/Editor, *Youth Wing* *Goes Live* – Short Film, 2011
- 1st AD/Editor/Composer, *Making Plans For Nigel* – Short Film, 2009
- Director/Producer/Editor/Composer, *Work It Out* – Feature Film, 2009
- Performer/Choreographer/Lighting Designer/Costume Designer/Composer, *Powder the Knife* – Dance Performance, 2008
- Choreographer/Lighting Designer/Costume Designer/Composer, *Breathe Out* – Dance Performance, 2007
- Choreographer/Lighting Designer/Costume Designer/Composer, *There Is No Hurry, We Shall Get There Someday* – Dance Performance, 2007
- Choreographer/Lighting Designer/Costume Designer/Composer, *Draw Them Out, It's Time* – Dance Performance, 2006
- Sound Recordist, *Crossing Jordan – The Blame Game* – Television Episode, 2006

EDUCATION AND TRAINING

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|---|--------|
| PhD. Candidate, Faculty of the Arts, School of Culture & Communication, University of Melbourne | 2023 - |
| Masters of Science in Climate Change, The University of the South Pacific, PaCE-SD | 2019 |
| Certificate, GHG Accounting 101, World Bank Group | 2018 |
| Certificate of Proficiency with Distinction, Feeding a Hungry Planet: Agriculture, Nutrition, and Sustainability, SDG Academy | 2017 |
| Certificate of Proficiency with Distinction, Sustainable Cities, SDG Academy | 2017 |
| Certificate, Human Rights, Human Wrongs, SDG Academy | 2016 |
| Certificate, Open Standards, Conservation Training | 2016 |
| Certificate, Conservation Measures, Conservation Training | 2016 |
| Certificate, Natural Resources for Sustainable Development, UN SDSN | 2016 |
| Certificate, Management of Urban Infrastructures, École Polytechnique Fédérale de Lausanne | 2016 |
| Post-Graduate Diploma in Climate Change, The University of the South Pacific, PaCE-SD | 2015 |
| Certificate, Specialized Module on Climate Change and Cities, UNCC:LEARN: UNITAR & UN HABITAT | 2015 |
| Certificate, Sustainable Mobility, Institute of French Petroleum (IFP) | 2015 |
| Statement of Participation, Eco-DRR, Leadership Track, NEP and Cologne University of Applied Sciences (CUAS) | 2015 |

Statement of Accomplishment, Pathways to Climate Change Adaptation: the Case of SIDS, University of Geneva	2015
Certificate, Benefit-Cost Analysis Fundamentals, Emergency Management Institute	2015
Certificate, Planetary Boundaries and Human Opportunities, UN SDSN	2015
Certificate, Climate Change Science & Negotiations, UN SDSN	2014
Certificate, The Age of Sustainable Development, UN SDSN	2014
Diploma in EU Public Procurement, Procurement Academy	2014
Diploma in Electrical Studies, USAID	2014
Certificate, REDD+ Curriculum, Conservation Training	2014
Certificate, Development Economics & International Trade, Mercatus Center, George Mason University	2014
Diploma, Environmental Science & Sustainable Development, Advance Learning Interactive Systems Online	2014
Certificate, Social & Behavioral Research, Collaborative Institute Training Initiative	2011
Bachelor of Fine Arts, Dance, Drama & Film, Kenyon College	2008
Diploma, The Columbus Academy	2004

PROFESSIONAL ORGANIZATIONS

-
- Member, Union of Concerned Scientists
 - Member, Australian Writers Guild
 - Member, Editorial Review Committee, Journal for City Climate Policy and Economy (Special Issue), 2024
 - Member, Global Covenant of Mayors Research Technical Working Group, 2023-24
 - Chairman, Board of Directors, Waste Management & Resource Recovery Association of Fiji, 2019 – 2020
 - Member, Board of Directors, Tasty Kitchen Collective, 2022 – present
 - Member, IUCN Commission on Education and Communication (CEC)
 - Member, IUCN Commission on Environmental, Economic and Social Policy (CEESP)
 - Specialist Judge, Sustainability Category, Fiji Excellence in Tourism Awards (FETA), 2015 – 2018
 - Member, Pacific Technical Vocational Educational Training (PacTVET) Sustainable Energy & Resilience Steering Committees
 - Member, SPREP Clean Pacific Roundtable Steering Committee, 2016-2018
 - Member, University of the South Pacific School of Engineering and Physics Programme Advisory Committee, 2017-2018
 - Member, Promotion of Regional Initiative on Solid Waste Management (J-PRISM 2) Steering Committee, 2018-2019

REFERENCES

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