

Office of the Pro Vice-Chancellor Research

# RESEARCH newsletter

Issue No. 03 | October 2020

## College of Agriculture Forest and Fisheries (CAFF) Strengthen Ties with The Australian Centre for International Agricultural Research (ACIAR)



Figure 1: Professor Paul Iji Dean CAFF spoke at the Pacific Agriculture Scholarships and Support Programme on 9th September, 2020 held at the Australian High Commission, Princes Road, Suva.



Figure 2: Australian High Commissioner to Fiji, Mr John Feakes officially launched the new ACIAR Pacific Agriculture Scholarships and Support programme on 9th September 2020 at the Australian High Commission, Princes Road, Suva.

### Dean CAFF – Professor Paul Iji's speech at the launch of the Pacific Agricultural Scholarships and Support (PASS) scheme on 9th September 2020.

Dean of the College of Agriculture, Fisheries and Forestry, Professor Paul Iji, said at the launch of the Pacific Agricultural Scholarships and Support (PASS) scheme held at Australian High Commission that for the first time, these awards are being extended to FNU. He thanked the Australian Government and the Australian High Commissioner for providing these scholarships to the Pacific islands. The PASS awards are additional to scholarships provided to citizens of Fiji and the region to study in Australia. A major advantage of these awards Professor Iji said is that they enable the students to stay in the region and work on local projects, thereby helping to address some of the problems confronting agriculture, fisheries and forestry. Since FNU has the widest range of expertise in agriculture, veterinary science, fisheries and forestry in the region, he assured the Australian Centre for International Agricultural Research that FNU will endeavour to achieve high standards and timely completions for the Master's Programmes sponsored by ACIAR.

- College of Agriculture Forest and Fisheries (CAFF) staff collaborate with the University of the Sunshine Coast on an ACIAR funded project
- Caff Staff Participate in an Interview with ABC Radio Australia, on Traditional Veterinary Medicine
- College of Medicine Nursing and Health Sciences (CM-NHS) Welcomed its Pioneer Higher Degree by Research (HDR) Candidates on 9 July 2020
- FNU Research Priority Areas
- A Notable Change In Research Culture at FNU
- Research Webinars Presented by ELSEVIER to FNU Staff on SCOPUS And SCIVAL
- Journal Publications
- Funded Research Projects
- FNU Research Policies

## College of Agriculture Forest and Fisheries (CAFF) staff collaborate with the University of the Sunshine Coast on an ACIAR funded project

**Project Title: Impacts of COVID- 19 pandemic on Fijian horticultural fresh food systems**

**Project Description:** Fresh food markets are affected by restrictions implemented as part of country responses to COVID-19 pandemic. The Australian Centre for International Agricultural Research (ACIAR) in collaboration with Fiji National University and Ministry of Agriculture will undertake research to document impacts of this pandemic on food systems and to develop projects to address more resilient food systems. The study will be conducted across Viti Levu and Vanua Levu. This will include interviewing farmers, market vendors in major fresh food markets and consumers using a rapid analysis survey design, developed and tested in Tonga.

**Project Team:** The FNU team is led by Dr Salesh Kumar, Mr Atish Chand, Ms Vashnika Narayan, Mr Ritesh Chand, Mr Shalendra Prasad from Ministry of Agriculture (MoA), and Professor Steven Underhill from the University of Sunshine Coast.

**Project Funding:** AUD 31,000.



Figure 3: Sitting left to right Mr Ritesh Chand and Dr Salesh Kumar (Project Leader). Standing left to right are Ms Vashnika Narayan and Mr Atish Chand.

## CAFF STAFF PARTICIPATE IN AN INTERVIEW WITH ABC RADIO AUSTRALIA, ON TRADITIONAL VETERINARY MEDICINE

ABC Radio Australia interviewed CAFF staff Dr Vingelle Jimenez, Dr Archibold Bakare and Dr Shipra Shah in May 2020 on the "Potential of ethnoveterinary medicine in animal health care practices in the South Pacific Island countries: a review". The link to the interview is:

<https://www.abc.net.au/radio-australia/programs/pacificbeat/pacific-beat-thursday/12222614>

Congratulations to, the Dean, College of Agriculture, Fisheries and Forest, Dr Salesh Kumar and the College staff.

## COLLEGE OF MEDICINE NURSING AND HEALTH SCIENCES (CMNHS) WELCOMED ITS PIONEER HIGHER DEGREE BY RESEARCH (HDR) CANDIDATES ON 9 JULY 2020

During the launch of HDR programmes by CMNHS, the College welcomed eight pioneer HDR candidates. The chief guest at the event was Team Coordinator Pacific Non-Communicable Diseases (NCD's) and Health through the Life-course at the World Health Organisation (WHO), Division of Pacific Technical Support, Dr Wendy Snowdown. Dr Snowdown acknowledged the work done by FNU and the College in establishing world standard HDR programmes. She also encouraged the development of independent research skills in candidates. The event included the [Online HDR Induction Programme](#) developed by the Office of the Pro Vice Chancellor Research to inform HDR candidates and their supervisors of the requirements, procedures and policies for the programmes.

## FNU RESEARCH PRIORITY AREAS

Senior Management Group on 21st September approved the following areas to be FNU's Research Priority Areas based on the university's research strengths (SciVal and Scopus Publications) and national priorities:

- Health and Wellbeing
- Agriculture
- Computer Science and Artificial Intelligence
- Science, Engineering and Climate Change
- Education, Social Science, Arts and Humanities
- Business and Economics

## A NOTABLE CHANGE IN RESEARCH CULTURE AT FNU

From May to September, the following Research Seminars were presented and attended by an increased number of academics from all FNU Campuses:

1. 'Advances in genomics and their application in crop improvement for food, health and nutrition of developing countries', by Dr Lee Hickey - Plant breeder and crop geneticist, Queensland Alliance for Agriculture and Food Innovation, University of Queensland, AustraliaTropics, Professor Bin Han - Director National Centre for Gene Research, and Director, Center of Excellence for Molecular Plant Sciences, Chinese Academy of Sciences, Shanghai, China, Dr Kerstin Neumann - Scientist, Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Gatersleben, Germany, Dr Dil Thavarajah - Associate Professor, College of Agriculture,

- Forestry and Life Science, Clemson University, South Carolina, USA on 14th May via online.
2. 'Probabilistic Framework for Microstructure-Sensitive Fatigue Design', by Professor Gbadebo Owolabi from Obafemi Awolowo University, Nigeria, on 27th May.
  3. 'COVID-19 Impact: Global Poultry and Egg purchases, behaviours by WATTAgNet and WATT' Global Media, on 28th May.
  4. 'Modelling habitat suitability and potential geographic distribution of the pink-billed parrot finch', by Professor Todd Dennis on 10th June.
  5. 'How to build an Inclusive Digital Workforce', by Asian Productivity Organisation (APO) on 18th June.
  6. 'Education system during the #COVID-19 pandemic', by Asian Productivity Organisation (APO) on 25th June.
  7. 'Research Integrity and Publishing Ethics', Webinar by Wiley Research, on 30th June.
  8. 'Research Paradigms - A Talanoa with medical experts and researchers', by Professor Unaisi Walu Nabobo Baba on 6th August.
  9. 'Exploring Sustainable Mangrove Management Policy for Community Wellbeing: A Case Study of Nadroga & Nadi in Fiji', by Mrs Salanieta Tuisuva Matai on Friday 14th August.
  10. 'Transformational Leadership in Higher Education', by Professor James Pounder, Pro Vice Chancellor Learning & Teaching, on 24th August.
  11. 'Impact of Climate Change on Sustainable Livestock Production and Wildlife Species: A South Pacific Island Community Perspective', by Professor Paul Iji, Dean CAFF, on 28th August.
  12. 'Waste problems and its relation to waste mechanics', by Dr B. P. Naveen on Wednesday 2nd September.
  13. 'Ranking journals and assessing researcher's productivity', by Professor Tibor Pasinszki on Friday 25th September 2020.

## RESEARCH WEBINARS PRESENTED BY ELSEVIER TO FNU STAFF ON SCOPUS AND SCIVAL

Date	Webinar Title
20th April	Stuff I don't show - Overview Module
27th April	Results are awesome - seek, and you shall find (Document Search)
4th May	Can you send me that report again? - Template reports PLUS Reporting module
11th May	Tighten the search - facet panel, and export refine
18th May	M stands for Momentum - Topics of Prominence and Trends Module
25th May	Metrics Metrics Metrics - Citation Overview and Article level metrics
1st June	100,000 - that is the number - Topics
9th June	What's my name, what's my name - Scopus Sources
15th June	Drop bears and dropdowns - MySciVal Hierarchy
22nd June	What's my name, what's my name (2) - Author Profiles
29th June	On your mark - Benchmarking - your starting metrics
6th July	Don't hit snooze - setting alerts.
13th July	Did you say donuts - yes 5 of them - 100,000 Topics (Overview) and Research Areas
20th July	How big is this house? - Affiliation profiling
27th July	Finding the golden ticket - Benchmarking other metrics
3rd August	This is an artform - advanced searching operators
10th August	SciVal speed dating - collaboration
17th August	This art form is harder than I thought - basic advanced searching
24th August	Say my name, say my name - SciVal author profiles
31st August	Savings savings, where is my Scopus bank account (lists and MyScopus)

## JOURNAL PUBLICATIONS

Congratulations to FNU colleagues who published the following highly ranked journal papers.

No	Articles	Ranking
1	James, K., & Nadan, Y. (2020). 'Race, ethnicity, and class issues in Fiji soccer 1980-2015'. <i>Soccer &amp; Society</i> , 21(6), 1-21.	Q1
2	Magiri, R. B., Lai, K. J., Mutwiri, G. K., & Wilson, H. L. (2020). 'Experimental PCEP-Adjuvanted Swine Influenza H1N1 Vaccine Induced Strong Immune Responses but Did Not Protect Piglets against Heterologous H3N2 Virus Challenge'. <i>Vaccines</i> , 8(2), 1-16.	Q1
3	Gupta, R. (2020). 'Manganese Repairs the Oxygen-Evolving Complex (OEC) in Maize (Zea mays L.) Damage During Seawater Vulnerability'. <i>Journal of Soil Science and Plant Nutrition</i> , 20(1), 1-10.	Q1
4	Snake-Beings, E. (2020). 'DiY (Do-it-Yourself) electronics, coin-operated relic boxes and techno-animist shrines'. <i>Leonardo</i> , 53(2), 1-12.	Q1
5	Pasinszki, T., & Krebsz, M. (2020). 'Synthesis and Application of Zero-Valent Iron Nanoparticles in Water Treatment, Environmental Remediation, Catalysis, and Their Biological Effects'. <i>Nanomaterials</i> , 10(5), 1-37.	Q1
6	Pasinszki, T., Lako, J., & Dennis, T. E. (2020). 'Advances in Detecting Ciguatoxins in Fish'. <i>Toxins</i> , 12(8), 1-27.	Q1
7	Amoo, O. M., Oyewola, M. O., & Fagbenle, R. O. (2020). 'Application of the finite-element method to the solution of nonsimilar boundary layer-derived infinite series equations'. <i>International Journal of Heat and Mass Transfer</i> , 161(1), 1-8.	Q1
8	Prasad, S. S., Singh, A., & Prasad, S. (2020). 'Degummed Pongamia oil-Ethanol microemulsions as novel alternative CI engine fuels for remote Small Island Developing States: Preparation, characterization, engine performance and emissions characteristics'. <i>Renewable Energy</i> , 150(1), 401-411.	Q1
9	Seedevi, P., Ganesan, A. R., Moovendhan, M., Mohan, K., Sivasankar, P., Loganathan, S., ... & Shanmugam, A. (2020). 'Anti-diabetic activity of crude polysaccharide and rhamnose-enriched polysaccharide from <i>G. lithophila</i> on Streptozotocin (STZ)-induced in Wistar rats'. <i>Scientific Reports</i> , 10(1), 1-12.	Q1
10	Singh, S., Southgate, P. C., & Lal, M. M. (2020). 'Staminate and pistillate flowers and fruits of <i>Halophila ovalis</i> subsp. <i>bullosa</i> (Setchell) Hartog'. <i>Aquatic Botany</i> , 166(1), 1-5.	Q1
11	Reddy, P., Chaudhary, K., Sharma, B., & Chand, R. (2020). 'The two perfect scorers for technology acceptance'. <i>Education and Information Technologies</i> , 25(5), 1-22.	Q1
12	Bakare, A. G., Cawaki, P., Ledua, I., Kour, G., Jimenez, V., Sharma, A., & Tamani, E. (2020). 'Acceptability, growth performance and nutritional status of chickens fed cassava leaf meal (CLM)-based diets'. <i>Tropical Animal Health and Production</i> , 52(5), 2481-2489.	Q2
13	Bakare, A. G., Kour, G., Akter, M., & Iji, P. A. (2020). 'Impact of climate change on sustainable livestock production and existence of wildlife and marine species in the South Pacific island countries: a review'. <i>International Journal of Biometeorology</i> , 64(9), 1409-1421.	Q2
14	Singh, S., & Singh, P. (2020). 'High level speaker specific features modeling in automatic speaker recognition system'. <i>International Journal of Electrical &amp; Computer Engineering</i> , 10(2), 1859-1867.	Q2
15	Kumar, B.A., Goundar, M.S. & Chand, S.S. 'A framework for heuristic evaluation of mobile learning applications'. <i>Education and Information Technologies</i> , 25(5), 3189-3204.	Q2
16	Tiwari, A., Shukla, G., & Pandey, S. K. (2020). 'Cross Border M&A's in ASEAN and India: A Comparative Critique'. <i>Journal of Advanced Research in Law and Economics</i> , 11(2), 619-638.	Q2
17	Gupta, R., Sharma, R. D., & Singh, M. (2020). 'Energy dissipation and photosynthetic electron flow during the transition from juvenile red to mature green leaves in mango ( <i>Mangifera indica</i> L.)'. <i>Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology</i> , 154(5), 1-12.	Q2
18	Gupta, R. (2020). 'Manganese Repairs the Oxygen-Evolving Complex (OEC) in Maize (Zea mays L.) Damage During Seawater Vulnerability'. <i>Journal of Soil Science and Plant Nutrition</i> , 20(1), 1-10.	Q2

19	Lal, A., & Datta, B. (2020). 'Application of the group method of data handling and variable importance analysis for prediction and modelling of saltwater intrusion processes in coastal aquifers'. <i>Neural Computing and Applications</i> , 32(16), 1-12.	Q2
20	Ali, N. S; Ali, S. S, and Dsouza, FCR (2019). 'Integrating Technology in 21st Century Classrooms: Pathways Towards Harmony Through Education'. <i>International Organization of Scientific Research</i> , 9(6), 64-68.	Q2
21	Sanchan, H.K., & Krishna, D. (2020). 'Effect of Organic and Inorganic Fertilization on Growth and Yield of French Bean ( <i>Phaseolus vulgaris</i> L.) in Fiji'. <i>Legume Research</i> , 43(5), 1-4.	Q2
22	Singh, S., Bhat, J. A., Shah, S., & Pala, N. A. 'Coastal resource management and tourism development in Fiji Islands: a conservation challenge'. <i>Environment, Development and Sustainability</i> , 22(5), 1-19.	Q2
23	Reddy, P., Sharma, B., & Chaudhary, K. (2020). 'Digital literacy: A review of literature'. <i>International Journal of Technoethics (IJT)</i> , 11(2), 65-94.	Q2
24	Singh, S., & Singh, P. (2020). 'Speaker specific feature based clustering and its applications in language independent forensic speaker recognition'. <i>International Journal of Electrical and Computer Engineering</i> , 10(4), 3508-3518.	Q2
25	Lal, A., & Datta, B. (2020). Performance evaluation of homogeneous and heterogeneous ensemble models for groundwater salinity predictions: a regional-scale comparison study. <i>Water, Air, &amp; Soil Pollution</i> , 231(6), 1-21.	Q3
26	Chand, R. K., Roomi, . M. A., Begum, . S. & Mudassar, . A. (2020). 'Prevalence of musculoskeletal disorders, associated risk factors and coping strategies among secondary school teachers in Fiji'. <i>Rawal Medical Journal</i> , 45(2), 377-381.	Q4
27	Reddy, P., Sharma, B., & Chandra, S. (2020). 'Student Readiness and Perception of Tablet Learning in Higher Education in the Pacific-A Case Study of Fiji and Tuvalu: Tablet Learning at USP'. <i>Journal of Cases on Information Technology (JCIT)</i> , 22(2), 52-69.	Q4
28	Murari, A., & Singh, K. N. (2019). 'Lund and Browder chart—modified versus original: a comparative study'. <i>Acute and Critical Care</i> , 34(4), 276-281.	Q4

## FUNDED RESEARCH PROJECTS

Congratulations to our colleagues who are successfully undertaking externally funded research projects in collaboration with external stakeholders.

### Externally Funded Projects:

- 'Fiji Mental Health Telehealth Initiative' by Dr Odille Chang from the College of Medicine, Nursing and Health Sciences. The project is funded by St. Vincent's Pacific Health Fund for AUD 10,000.00.
- 'Lab Setup Support at FNU-CAFF' by Dr Magiri Royfird and Professor Paul Iji from the College of Agriculture, Fisheries and Forestry. The project is funded by the very prestigious research institute CSIRO (Commonwealth Scientific and Industrial Research Organisation) based in Australia for AUD 20,000.00.
- 'Covid19 Horticultural Fresh Food Component 1' by Dr Salesh Kumar, Mr Atish Chand, Ms Vashnika Narayan and Mr Ritesh Chand from the College of Agriculture, Forestry and Fisheries. This project is funded by the Australian Centre for International Agricultural Research (ACIAR) in collaboration with the University of the Sunshine Coast for AUD 15,000.00.
- 'Covid19 Horticultural Component 2' by Dr Salesh Kumar, and Mr Shalendra Prasad from the College of Agriculture, Forestry and Fisheries. The project

is funded by the Australian Centre for International Agricultural Research (ACIAR)/ in collaboration with the University of the Sunshine Coast for AUD 16,000.00.

- 'Review and documentation of policies and engagement to capture the perception of farmers, market vendors, consumers and other supply chain actors' by Dr Salesh Kumar from the College of Agriculture, Forestry and Fisheries. This project is funded by the Australian Centre for International Agricultural Research (ACIAR) in collaboration with the University of New England for AUD 12,000.00.

### Internally Funded Projects:

Congratulations to our colleagues who are currently working on the following internally funded projects:

- 'Integrating Indigenous Principles of Human Research Ethics: The Case of two Pacific Island Countries' by Ms Etivina Lovo – FJ \$10,470.00.
- 'Use of *Lactobacillus Buchneri* and Molasses to Improve Quality of Cassava Leaf Silage' by Dr Archibold G Bakare - FJ \$15,000.00.

- c. 'Isolation and Application of Plant Growth Promoting Microorganisms as Biofertilizer' by Dr Aruna Devi and Dr Ambika Prasad - FJ \$15,000.00.

### External Funding Applications Submitted:

Congratulation to the following FNU staff who submitted funding applications to the Association of Commonwealth Universities (ACU) Gender Grants:

- a. Ms. Lia Bogitini and Ms. Kaushal Neelam Singh – "Waste Management Study".
- b. Dr Odille Chang, Dr Amanda Hill, Ms Avelina Rokoduru, Ms Senimelia Hataogo, Vasha Naidu – "Review and Amendment of Fiji Health Worker Guideline and SOP for Responding to Violence Against Women (VAW)".

## FNU RESEARCH POLICIES

The Office of the Pro Vice Chancellor Research has posted a large number of Senate and SMG approved research policies and procedures on the FNU Research Website to support researchers at FNU. Please find the hyperlinks below to the respective policies and related forms on the website.

1. [FNU Research Policy](#)
2. [FNU Authorship Policy](#)
3. [FNU Higher Degrees by Research Policy and Procedure](#)
  - a. [FNU Thesis Structure Guideline](#)
    - [HDR Supervisor & Candidate Meeting Log Form](#)
    - [Change of Supervisors Request Form](#)
  - b. [Research Proposal Guideline](#)
    - [Candidature Confirmation Review Form](#)
    - [Mid Candidature Review Form](#)
    - [Completion Seminar Review Form](#)
    - [Notification of Intention to Submit Form](#)
  - c. [FNU Nomination of Examiners Guidelines](#)
    - [Nomination of Examiners Form](#)
  - d. [External Examiner Guideline for Research Degrees](#)
    - [External Examiner Declaration Form](#)
    - [Examiners' Report on Doctoral/ Master's Thesis Form](#)
    - [Doctoral/Masters Oral Examination Report Form](#)
    - [Thesis Consent Form](#)
    - [Release of Thesis Form](#)
4. [FNU Higher Degrees by Research Supervision Policy](#)
  - a. [Procedures and Conditions for Appointing Adjunct Professors as PhD Supervisors at FNU](#)
  - b. [Procedure for Appointing Adjunct Professors as PhD Supervisors at FNU](#)
5. [FNU Human Research Ethics Policy](#)
  - [Human Research Ethics Application Form](#)
  - [Participant Information Sheet](#)
  - [Consent Form](#)
6. [Confidentiality Agreement](#)
6. [Constitution of the FNU Animal Research Ethics Committee](#)
  - [FNU Animal Ethics Consent Form](#)
  - [FNU Information Sheet for Animal Owners](#)
  - [FNU Animal Research Ethics Feedback Template](#)
  - [FNU Animal Research Ethics Committee Application](#)
  - [FNU Postmortem template](#)
  - [FNU Unexpected Adverse Event Report](#)
7. [FNU Research Data Management Policy](#)
  - a. [FNU Research Data Management Procedure for HDR Candidates](#)
  - b. [FNU Research Data Management Procedure for Staff, Adjunct and Visitors](#)
  - c. [FNU Research Outputs \(Publications, Patents, Others\) Data Collection Policy & Procedure](#)
8. [FNU Academic Conference Policy](#)
  - a. [Conference Funding Application Process and Form](#)
  - b. [HDR Candidate Support Form from Senior Supervisor](#)
9. [Research Incentive Awards Guideline](#)
  - a. [Procedure for Finding Journal Rankings](#)
    - [Incentive Award Claim Form](#)
10. [Research Funding Scheme Guideline](#)
  - a. [Research Preparatory Fund Application Form](#)
  - b. [Seed Funding Scheme Application Form](#)
  - c. [Industry Collaborative Funding Scheme Application Form](#)
  - d. [International Visiting Fellowship Scheme Application Form](#)
11. [FNU Hazardous Material Management Policy for Researchers](#)
12. [FNU Intellectual and Commercialisation Policy](#)

## UPCOMING SEMINARS

**Title:** Managing Sponsored Research  
**Presenter:** [Dr Rup Singh](#), Head of Economics, The University of the South Pacific  
**Date:** October 7 2020  
**Time:** 2.30pm to 4.00pm  
**Venue:** Nasinu Campus Main Board Room (The presentation will be made available via video conferencing at the Lautoka Campus – NWL, Samabula – CEST Board Room, CAFF – Conference Room, Hoodless House – Conference Room 1 and Conference Room 2, Labasa – Room 3, Level 3)

## CMNHS VIRTUAL SYMPOSIUM

**Title:** Pacific Islands Health Research Symposium 2020  
**Date:** 25<sup>th</sup> to 27th November  
**Venue:** Virtual  
**Theme:** Health Security in the Pacific: Lessons from the Pandemic Experience  
**Link:** <https://www.fnu.ac.fj/college-of-medicine/fiphr/research-ethics/chhrec/>

## CALL FOR SCHOLARSHIPS

### ACIAR Pacific Agriculture Scholarships and Support program

These scholarships have achieved significant results and strengthened the agricultural innovation system in the Pacific. Following a review, a new expanded Pacific Agriculture Scholarship Support Program 2020-23 now calls for scholarships.

For more information on the scholarship, visit the URL below:  
<https://aciarc.gov.au/scholarships/aciarc-pacific-agriculture-scholarships-and-support-program>

Closing date is **15th October 2020**. Please submit your applications to OPVCR – [shailin.gonelevu@fnu.ac.fj](mailto:shailin.gonelevu@fnu.ac.fj) for checking and support letters by **10th October**.

## CALL FOR PAPERS

### 1. Pacific Islands Health Research Symposium 2020 Extraordinaire - Virtual Conference

The Pacific Islands Health Research Symposium is an annual conference of Pacific health researchers researching Pacific health issues and challenges. The Fiji National University has continued to embark on its efforts and strategies to strengthen the research capacity and profile of its academic staff and students at all the Colleges.

#### Call for Abstracts:

Open: June 5 2020 | Closes: September 30 2020  
 Guideline for abstract submission can be found by clicking the URL: <https://www.fnu.ac.fj/college-of-medicine/fiphr/research-ethics/chhrec/pihrs-abstract-submission-guidelines/>

#### Registration

OPEN NOW and closes on 30th October 2020

Please register online on: [https://docs.google.com/forms/d/e/1FAIpQLSe3J0G7aD-w57U6F0qQ\\_HQTu0-lutPp3bWHS9Dviml9-ICcuA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSe3J0G7aD-w57U6F0qQ_HQTu0-lutPp3bWHS9Dviml9-ICcuA/viewform)

### 2. Tertiary Education Policy and Management Advances in Pacific Islands by Taylor and Francis

This special issue of the [Journal of Higher Education Policy and Management \(JHEPM\)](#) will explore the ways

in which tertiary education systems are continuing to evolve within and across Pacific Island countries. The journal is interested in expanding knowledge of ways to achieve effective tertiary education systems in small countries that are tackling global issues.

#### Deadlines

Abstract submission\* (up to 500 words): 15 December 2020  
 Notification of acceptance: 15 January 2021  
 Submission of full paper for review: 31st March 2021  
 Submission of final papers: 31 May 2021  
 Likely Publication Issue: October 2021

URL: [https://think.taylorandfrancis.com/tertiary-education-policy-and-management-advances-in-pacific-islands/?utm\\_source=TF0&utm\\_medium=cms&utm\\_campaign=JPG15825](https://think.taylorandfrancis.com/tertiary-education-policy-and-management-advances-in-pacific-islands/?utm_source=TF0&utm_medium=cms&utm_campaign=JPG15825)

### 3. The Future of Work by Wiley

This special issue seeks to advance the understanding of the Future of Work and its impact on actors at multiple levels of analysis. By bringing together new theoretical and empirical contributions, the journal hopes to:

1. examine how trends related to the Future of Work will affect individuals, groups, networks, organisations, and industries;
2. offer relevant and actionable managerial and policy implications; and

3. set the course for a new direction of studies that look at the Future of Work through different disciplinary and interdisciplinary lenses.

The deadline for submission is **1st December 2020**

URL: <https://onlinelibrary.wiley.com/pb-assets/assets/14676486/Call%20for%20Papers%20-%20Future%20of%20Work.pdf>

#### 4. The American Society of Mechanical Engineers (ASME)

##### a. **Journal of Engineering for Sustainable Buildings and Cities**

This Special Issue aims at raising awareness on the emerging topic of well-being in the built environment. It will focus on interdisciplinary research in this field – and will provide a venue for research findings from a variety of disciplinary perspectives.

##### **Publication Target Dates**

Paper submission deadline: 1<sup>st</sup> February 2021  
Papers reviewed and revised: 1<sup>st</sup> July 2021  
Production process: August - October, 2021  
Special Issue publication date: November 2021

URL: <https://asmedigitalcollection.asme.org/sustainablebuildings>

##### b. **Journal of Energy Resources Technology**

This Special Issue aims at attracting cutting-edge research and review articles on 'energy storage technologies and applications' for both thermal and electrical applications.

##### **Publication Target Dates**

Paper submission deadline: 28<sup>th</sup> February 2021  
Initial review completed: 31<sup>st</sup> March 2021  
Special Issue publication date: 31<sup>st</sup> May 2021

URL: <https://asmedigitalcollection.asme.org/energyresources>

##### c. **Journal of Mechanisms and Robotics**

This Special Section is intended to provide a platform for sharing and presenting new research and solutions for Mobile Robots (MRs) and Unmanned Ground Vehicles (UGVs) in field and service applications. In the last few years, the adoption of field robotics has rapidly increased, with many notable examples that have been developed and validated for operations on the ground (of Earth or planets), under the ground, underwater, in the air, or in space. Applications range from agriculture, mining, surveillance, and environmental monitoring, to search and rescue and disaster relief, planetary exploration, and nuclear power plant operations.

##### **Publication Target Dates**

Paper submission deadline: 15<sup>th</sup> January, 2021  
Review process: January - May 2021  
Final papers due: 1<sup>st</sup> June, 2021 online issue  
Print publication: October 2021 issue

URL: <https://asmedigitalcollection.asme.org/mechanismsrobotics>

##### d. **Journal of Micro and Nano-Manufacturing**

This Special Issue is looking for contributions on a wide range of topics ranging from new ways of conducting science away from the lab and description of novel manufacturing processes that have been thought up while away from the labs, to the proposals of new remote ways of teaching manufacturing classes, to biomanufacturing processes related to COVID-19 diagnostics. The Special Issue seeks technical papers, such as simulation-based research or artificial intelligence-enhanced manufacturing, as well as some reflective opinion pieces on the impact of the current health crisis on the future of our micro- and nano-manufacturing field.

##### **Publication Target Dates**

Paper submission deadline: 15<sup>th</sup> December 2020  
Initial review completed: 31<sup>st</sup> January 2021  
Special Issue publication date: 31<sup>st</sup> March 2021

URL: <https://asmedigitalcollection.asme.org/micronanomanufacturing>

##### e. **Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering**

##### i. **Special Issue on Autonomous Vehicle Technologies: Risk, Resilience, and Reliability (SI049B)**

This Special Issue is aimed at gathering contributions that discuss new theoretical developments and advanced applications of risk, reliability, and uncertainty assessment to support the management of autonomous vehicle technologies. More specifically, the Special Issue is soliciting papers discussing traditional deterministic, probabilistic, machine learning, and hybrid approaches to risk assessment across all lifecycle events of autonomous technologies. Interpretation and insights gained from the implementation of risk-informed frameworks are also encouraged at various levels of maturity and discussion, from philosophical and ethical standpoints. An account of the data - and uncertainties around the collection of such data - required for successful assessments, along with novel solutions to encounter such challenges, is welcome. Predictive analytics towards prognostic health management, techno-economic analysis, and loss prevention of autonomously engineered systems are also of interest.

##### **Publication Target Dates**

Paper submission deadline: 1<sup>st</sup> March 2021  
Initial review completed: 1<sup>st</sup> September 2021  
Special Issue publication date: 30<sup>th</sup> April 2022

URL: <https://asmedigitalcollection.asme.org/risk>



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