

# CALL FOR APPLICATIONS

## Master of Science by Research Waste-to-Energy Scholarship Opportunity!

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Important information  
for applicants





## About the Scholarship

The Pacific Waste-to-Energy Solutions (PAWES) Project is committed to supporting enhanced solid waste management and energy security in the Blue Pacific region. The PAWES projects overall objective is to enhance solid waste management and energy security in the Pacific region and to support national and subnational government entities to make informed decisions on developing a sustainable Waste-to-Energy (WtE) sector.

The Project objectives for this Project are; firstly, that “national and subnational Government entities are able to make informed decisions on developing a sustainable waste-to-energy sector”. Secondly, that “Tertiary education institutions provide updated training and are able to perform state-of-the-art research on solid waste management, renewable energy technologies and waste to energy.

The Pacific Adoption of Waste-to-Energy Project is funded by the European Union with the support of the Secretariat of the Organisation of African, Caribbean and Pacific States. It is being implemented by The Pacific Community (SPC) in close partnership with the Secretariat of the Pacific Regional Environmental Programme, the University of Papua New Guinea, the University of the South Pacific, national governments, NGO's and the private sector.

The target beneficiary countries for this project are the Republic of Marshall Islands, Papua New Guinea, Samoa, Solomon Islands and Tuvalu.




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A key activity/deliverable of this project is to develop specialised regional expertise by supporting Masters and Honours students by offering scholarships in applied research projects.

The University of the South Pacific, School of Information Technology, Engineering, Mathematics and Physics (STEMP), are pleased to announce a call for applications for the Waste-to-Energy Scholarship to pursue a Master of Science by Research in Waste-to-Energy.

Four scholarships are available and are aimed at one student from each of the four beneficiary USP member countries. These are the Republic of Marshall Islands, Samoa, Solomon Islands and Tuvalu. In the instance that there is no suitably qualified/eligible national candidate from a beneficiary country then the scholarship may be awarded to a suitably qualified candidate from any USP member Pacific Island country. Each student will be allocated to a beneficiary country to focus their research demonstration pilot project on.

As part of this waste-to-energy Scholarship the successful candidate will co-develop a waste to energy research demonstration project based on initiatives identified in the national waste to energy baseline and feasibility assessments. Each student will work closely with their supervisor to co-design, develop, and implement the demonstration pilot project. A thorough analysis of the research demonstration pilot project will be carried out to determine the applicability to



incorporate into future feasibility studies and scalability. The successful candidate will also be provided continuous mentoring from the Pacific Community and the Secretariat of the Pacific Regional Environmental Programme along with other relevant private sector entities and a dedicated supervisor.

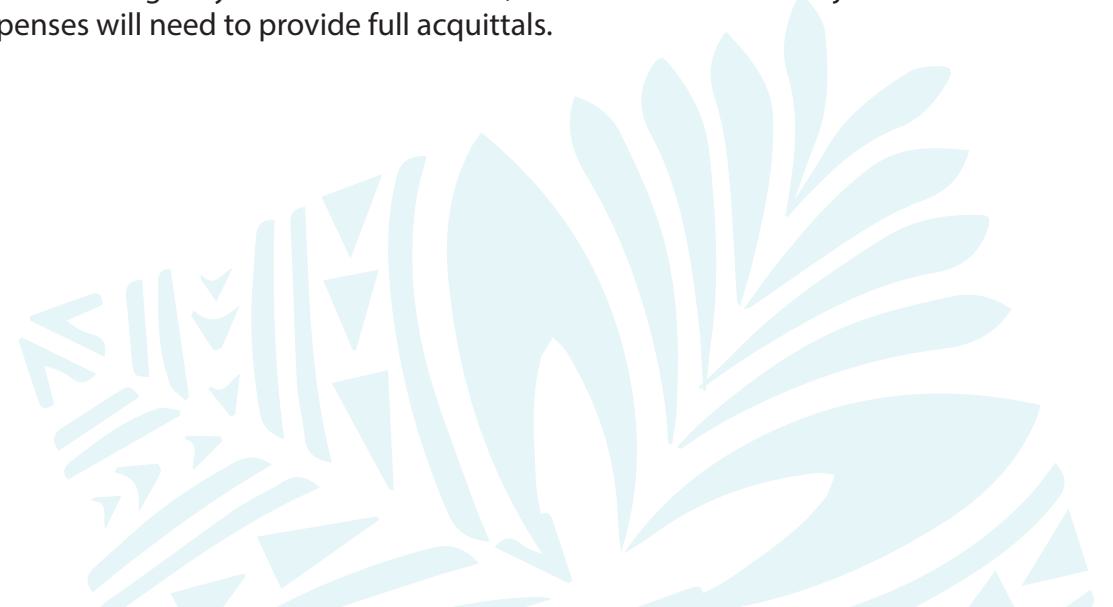
The Project's aim is to:

***“co-develop and facilitate research demonstration projects with tertiary education providers to build and strengthen specific waste-to-energy skills in the Pacific and to grow the overall Pacific innovation ecosystem”***



## **Waste to Energy Scholarship details**

### **The two year scholarship covers:**

1. Full tuition fees including general service and health service fees.
  2. Accommodation allowance of F\$1,200 per month.
  3. Weekly living allowance of F\$300 per week. Paid monthly.
  4. Return airfares from home country to Fiji if needed.
  5. Book allowance which may include a laptop. This will be provided upon agreement with USP and what is needed. F\$1,500.
  6. Research Grant: To support the design and implementation of the research demonstration project a generous budget is available of up to EUR43,000. The grant will be paid upon approval of a detailed workplan and budget by the Masters Student, USP and the PAWES Project Team Management. All expenses will need to provide full acquittals.
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## Eligibility Criteria

- ◆ This scholarship is for full-time study only and the successful candidates are not permitted to be in paid employment during the tenure of their awards and will be required to work a minimum of 40 hours per week for the entire time on their research. The scholarship must commence in the first semester of 2024.
- ◆ The first preference will be given to eligible citizens from the target beneficiary countries. That is one from **the Republic of Marshall Islands, one from Samoa, one from the Solomon Islands and one from Tuvalu**. In the instance that there is no eligible applicant from one of each of the target beneficiary country then a citizen from a USP member Pacific Island country may be eligible.
- ◆ Overall GPA of 3 and above. For candidates with exceptional work experience, a minimum of GPA 2.5 may be considered.
- ◆ Science or engineering graduate.
- ◆ Women are strongly encouraged to apply.

## How to apply?

Send your applications to [pgrpscholarships@usp.ac.fj](mailto:pgrpscholarships@usp.ac.fj) and copy [anushka.maharaj@usp.ac.fj](mailto:anushka.maharaj@usp.ac.fj) with the subject "Waste-to Energy Scholarship"

All applications must include:

1. **Transcripts** - no less than a GPA3 unless you have exceptional work experience then a GPA of 2.5 may be considered.
2. **Three references** – these can be character references and work related.
3. **Cover letter** – Let us know about your passion and drive for waste-to energy solutions and a brief description of your work history.



**Applications close**

**Monday 13th November 2023  
9.00am (GMT+12)**

