

2023 Industrial Ecology Project Grant Proposal

Proponent: Dominik Noll

Proponent's email: dominik.noll@uevora.pt

1. Project title

“Islands at Risk” (a proposal for showcasing and teaching “Island Industrial Ecology” through a short documentary)

2. Project description

This proposal stems out of discussions at the board meeting of Island-IE section that took place on 22 March 2023. The section is faced with a unique opportunity this year when the second International Conference on Small Island States and Subnational Island Jurisdictions will take place at the University of Aruba. This conference titled “Turning the tide: climate change, social change and islands” (23-26 October 2023) is co-hosted by The University of Aruba and the University of Prince Edward Island, Canada (<https://is4ie.org/announcements/1598>)

This event is expected to bring together (as with the first in 2019) a community of more than 200 island scholars, policy-makers and politicians from Latin American and the Caribbean, and also from North America. The Island-IE section (<https://is4ie.org/sections/islands>) and the Metabolism of Islands will host a special panel at this islands conference, with at least 3 of the board members attending the conference (Telesford, Noll, and Singh), and a few other Island-IE members. The special panel brings together contributions that focus on basic and policy-relevant research to foster a transformation to sustainability. Presentations will center around island resource use, food, water, and energy security, waste management, resilient infrastructure, and the marine system.

The proposal is to use this unique opportunity to professionally video document the presentations and discussions at this special panel event. In addition, to interview island politicians attending the conference, select policy-makers, as well as other prominent island scholars on the views on industrial ecology approaches to island sustainability. The island conference provides a perfect setting for rich footage for a 30 mins documentary to showcase the work of Island-IE.

It should be noted that the Island-IE section has an ongoing collaboration with the University of Aruba since a few years, in organizing a virtual symposia series titled “Sustainable Island Futures” (SIF), a platform for young island researchers to present their work. A large number of these student projects are using industrial ecology approaches. The 6th SIF symposium is on 10 May 2023 (<https://is4ie.org/events/isie-section-conferences/99>). Further, the University of Aruba has recently launched a Master program in island sustainability, that is largely built on industrial

ecology approaches such as MFA, LCA and socio-metabolic research (<https://www.ua.aw/fas/sisstem-masters/>). Their program description and modules explicitly state “industrial ecology” and the “metabolism of islands”.

3. How would this benefit industrial ecology?

This proposal builds on ISIE’s mandate to produce and promote IE topics and communicate section activities to a non-technical audience. It is expected that this project will produce a large amount of footage for a compelling 30-minutes documentary, as well as social media resources for effective dissemination. The documentary would be hosted on ISIE’s YouTube channel (<https://www.youtube.com/@internationalsocietyforind5709/featured>), and will be negotiated to be broadcast in one or more television channels in the Caribbean, where some Island-IE members have good connections.

The presence of Island-IE team and organizing the special panel at Aruba, and the final documentary will promote ISIE’s expertise and ongoing contribution to island sustainability. It will attract young scholars’ part of the new Master program in island sustainability mentioned above to become ISIE members. The documentary is expected to become a teaching resource for the program to be viewed by incoming students over the years.

4. Budget

Up to EUR 5000

5. Budget breakdown

For filming and editing we would prioritize engaging up to two tech-experienced Island-IE student members who is either planning to attend the conference, or would be willing to attend if contracted with this task, such that the remuneration subsidizes their participation. In addition, we’ll also search for a suitable University of Aruba student from their island program to assist with this task.

Payments would include:

- a) flat fee for researching/writing the script based on conference agenda, filming for 3-5 hours / day during the event, and footage editing after the event: € 2,500 (shared between two persons)
- b) lease of equipment: € 250/day * 5 = 1,250€
- c) editing software license and back-up drive as needed: € 500
- d) incidentals such as local transport, meals, etc. for two persons during the event: €500.

Total 4,750€