

# MEMBER PROPOSAL

Survey: Proposals from members

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## Questions

### 1. Name of Proponent(s)\*:

Lynette Cheah, representing the ISIE Education Committee

### 2. Country(ies)\*:

Australia, USA, Denmark, Peru, United Kingdom

### 3. Title of Proposal\*:

ISIE Textbook Grant Program Trial

### 4. \* WHAT IS THE CENTRAL IDEA OF THE PROPOSAL?

In recognition of the critical role textbooks play in shaping higher education, the Education Committee proposes the ISIE Textbook Grant Program. This initiative aims to support educators establishing industrial ecology courses in accessing essential resources for effective teaching while also enriching school libraries with valuable learning materials. By providing textbooks to both educators and university libraries we help ensure that students enrolled in these foundational courses will have free access to learning materials, reducing the burden of textbook fees for students, especially for those who do not have the means. Through this program, educators will have the opportunity to request textbooks from the ISIE Education Committee's Resource List.

### 5. \* WHAT IS THE BENEFIT TO THE SOCIETY AND MEMBERS?

Program Objectives

- Provide educators with essential textbooks for teaching purposes.
- Enhance the quality of education by ensuring access to comprehensive and up-to-date learning resources within the field of Industrial Ecology.
- Promote collaboration and knowledge sharing among educators through access to recommended textbooks.

- Strengthen school libraries with limited budgets, by expanding their collection of educational materials.

## **6. \* WHO WOULD GOVERN OR OPERATE THE PROPOSAL?**

ISIE Education Committee, comprising:

- \* Lynette Cheah
- \* Stijn Van Ewijk
- \* Reed Miller
- \* Heather Logan
- \* Ramzy Kahhat

## **7. \* WHAT RESOURCES ARE AVAILABLE TO SUPPORT THE PROPOSAL (e.g. Administrative, Financial, personnel)**

ISIE Education Committee members are ready to oversee applications and allocate the grants.

### Application Process

There will be two calls for applications on 1 April and 1 November each year. Educators are required to submit a formal request specifying:

- The desired textbooks along with their teaching objectives and the anticipated impact on student learning.
- Why they need the support of the textbook program and cannot access the textbooks any other way (e.g., through library funds).

Requests must be submitted through a designated online portal at the ISIE website.

Review and Approval: Requests will be reviewed by the Education Committee to ensure alignment with program objectives and eligibility criteria. Approved educators will be notified promptly regarding the status of their application.

Distribution: Upon approval, textbooks will be dispatched to the educators' specified address for personal use, with additional copies sent directly to their school library.

Reporting: Educators will be required to provide feedback on the usefulness of the textbooks in their teaching practices and the impact on student learning via an online form. This information will be invaluable for program evaluation and future improvements.

## **8. \* IS THIS PROPOSAL DEFINED WITHIN A SINGLE ISIE SECTION OR ACROSS SECTIONS?**

The program is relevant for all ISIE Sections.

## **9. IF ISIE MEMBER FOR <2 YEARS, PROVIDE NAME OF SUPPORTING ISIE BOARD MEMBER OR SECTION LEADER**

N.A.

## **10. EVIDENCE OF SUPPORT FOR THE PROPOSAL (FROM WITHIN OR ACROSS SECTIONS OR REGIONS)**

The program has been developed in consultation with the ISIE Development Board.

The Textbook Grant Program for Industrial Ecology Educators represents a step towards developing the availability of industrial ecology courses by providing educators with essential resources to develop engaging courses and students with access to the necessary material to succeed in these courses. Through this initiative, we aim to empower educators, enrich student learning experiences, and foster a culture of excellence in industrial ecology education. We encourage ISIE members to participate in this program and join us in our commitment to advance educational excellence.

## **11. APPROXIMATE BUDGET IF APPLICABLE (Financial estimates and explanations)**

The Committee is requesting 5,000 euros for a 2-year trial, or until the funds run out. The funds will be used to purchase and ship textbooks requested.

## **12. OTHER**

### Program Details

**Eligibility:** The program is open exclusively to educators who are members of ISIE and are actively teaching industrial ecology or establishing industrial ecology courses at educational institutions.

Priority will be allocated to members from low income and lower middle-income countries (World Bank definition) and those who demonstrate strong need.

Each educational institution can submit up to two applications per year.

**Textbook Selection:** Educators can select textbooks only from the ISIE Education Committee's Resource List, ensuring relevance to an industrial ecology curriculum.

**Grant Allocation:** Each approved educator can receive up to two (2) copies of the requested textbook for their teaching purposes and five (5) additional copies for donation to their school library.