

Platform for Collaboration Among
Business/Academia/Government/NGO

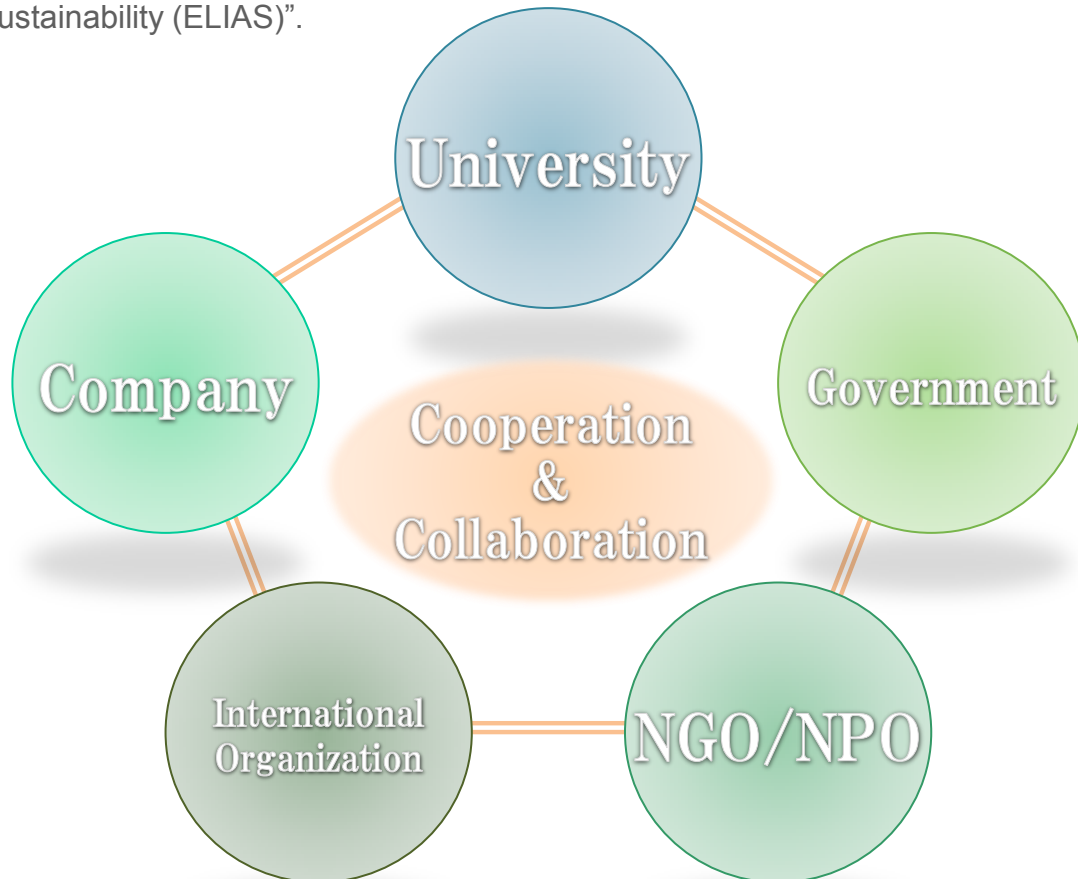
**Environmental Consortium
for Leadership Development**

EcoLead

www.eco-lead.jp

About EcoLeaD

The Environmental Consortium for Leadership Development (EcoLeaD) is a platform to promote the networking and collaboration of various organizations in business, academia, government and NGO with the purpose to foster “Environmental Leaders.” It was established by the Ministry of the Environment, Japan (MOEJ) as part of its “Environmental Leadership Initiatives for Asian Sustainability (ELIAS)”.



Mission of EcoLeaD

To contribute to conservation of the global environment and construction of sustainable societies by fostering “Environmental Leaders.”

- 1.** To promote collaboration among universities, companies, governments, NGO/NPO and international organizations aiming to develop environmental education and environmental business.
- 2.** To foster “Environmental Leaders” who initiate construction of sustainable societies in various places in Asia.
- 3.** To execute various projects including proposal of environmental education programs and provision of information regarding environmental education.

Major Projects of EcoLeaD

① "T-shaped" environmental leadership development projects

Environmental education program guidelines are produced and proposed to universities and graduate schools. EcoLeaD plans to develop teaching materials and certification systems are also planned.

② "Information Infrastructure" construction projects

Information on environmental education in higher education is centralized and widely provided to the general public. EcoLeaD supports to disseminate information on good practices and events for environmental education by universities and companies.

③ Seminars and dialogues

Seminars and dialogues are hosted to introduce innovative approaches in environmental education and environmental management and to promote communication among participants.

④ Promotion of international cooperation

EcoLeaD attends international conferences related to environmental education and introduces our activities. Cooperation between various organizations in Asia and EcoLeaD members is promoted.

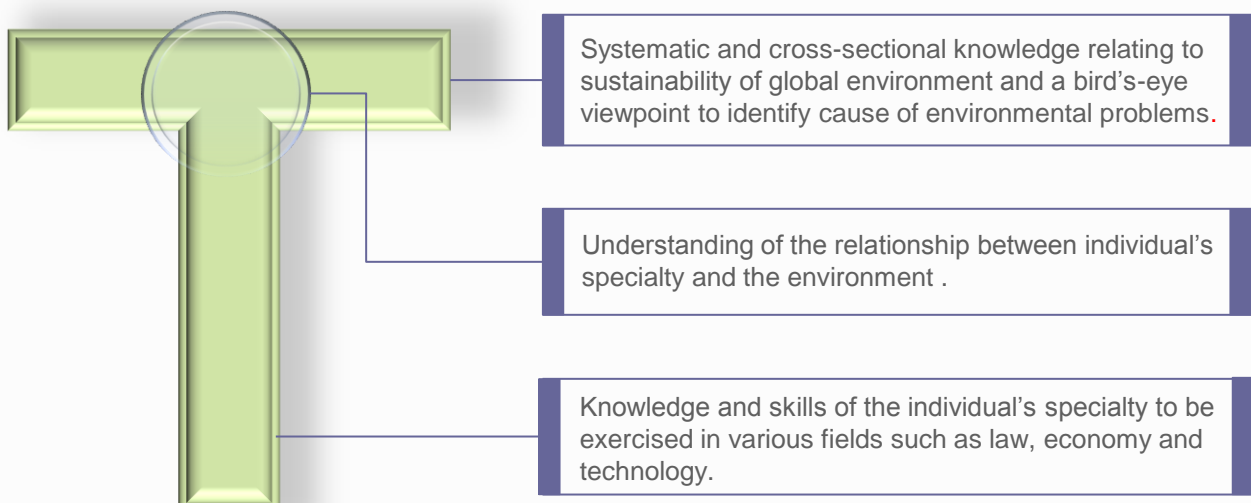
Who are "Environmental Leaders"?

Leaders who exercise individual's specialty for construction of sustainable societies

"Environmental Leaders" EcoLeaD aims to foster are not limited to people who professionally study the environment or who have environment-related occupations.

"Environmental Leaders" are strongly motivated to work on construction of sustainable societies and exercise leadership in every field based on their specialties.

They are equipped with T-shaped ability integrating two qualifications as visualized in the following figure.



Project ① “T-shaped” environmental leadership development projects (MOEJ collaboration project)

EcoLeaD constructed two program models to foster environmental leaders in cooperation with the MOEJ. Working groups consisting of members from universities, companies, NGO/NPO and government discussed the contents and structure of the program. The guidelines for the two programs are published on the EcoLeaD website.

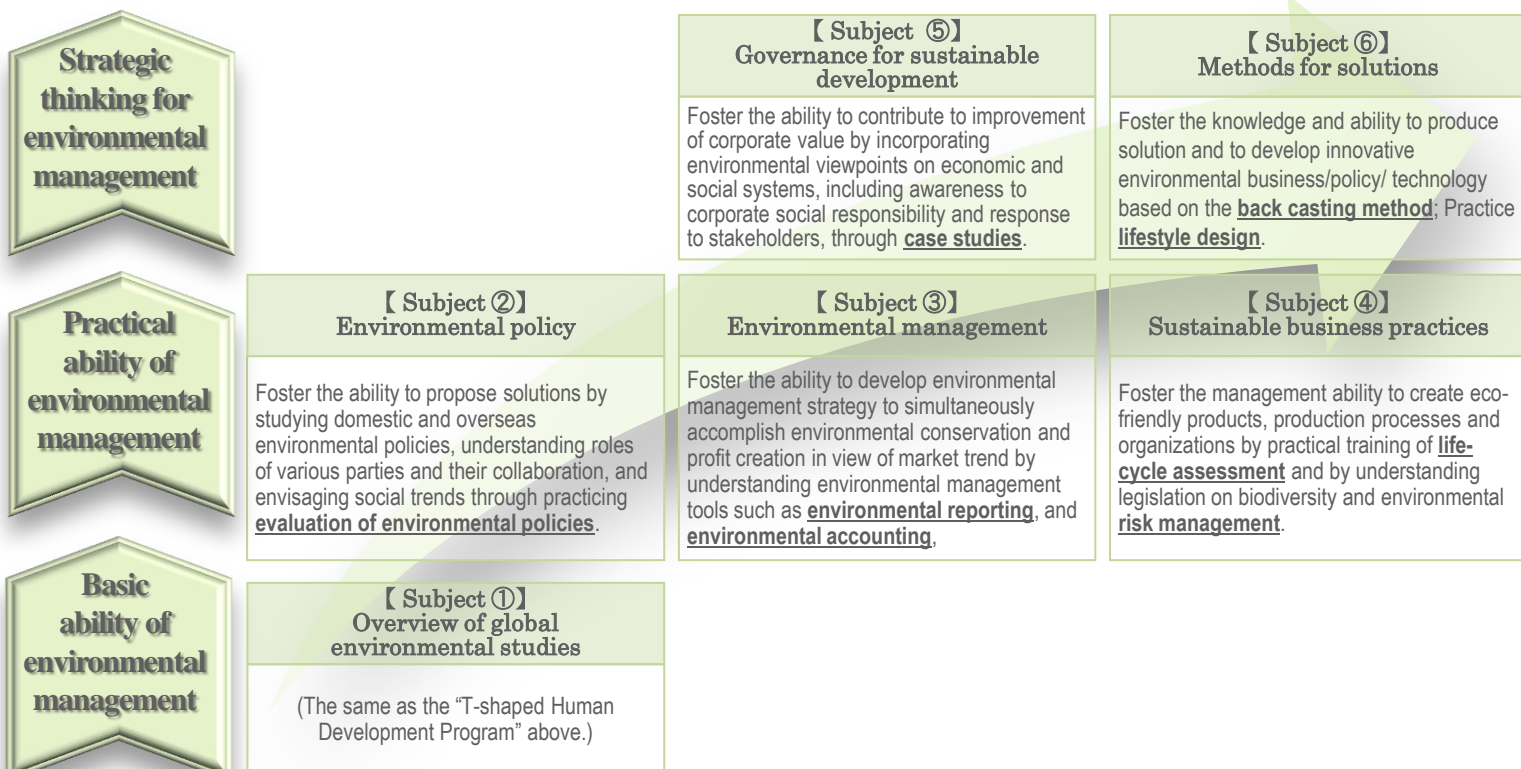
T-shaped Environmental Leadership Development Program to Cultivate “Environmental Ability” (an undergraduate foundation program)

This program is assuming the use for general education courses at universities to cultivate knowledge, skills and attitude regarding the environment. The program consists of 15 classes as described in the following:

【Basic classes】 ①～⑤ For panoramic understanding of environmental problems	① Introduction: What are environmental problems?	
	② History of earth and mankind and environmental issues	③ Global system and ecosystem
	④ Resources and global capacity	⑤ History of environmental measures
	① Global warming, energy and countermeasures	④ Waste management, and recycling
	② Air pollution and countermeasures	⑤ Chemical pollutant and countermeasures
【Reference classes】 ①～⑥ For understanding of correlation among individual issues	③ Water pollution, soil pollution and countermeasures	⑥ Loss of biodiversity and countermeasures
	⑥ Efforts by the government and municipality	
	⑦ Efforts by corporations and NGO/NPO	
【Basic classes】 ⑥～⑨ For construction of sustainable societies	⑧ Partnership to construct sustainable societies	
	⑨ Conclusion: For construction of sustainable societies	

Green Management Program (GMP) to Promote Environmental Management of Corporations (a graduate sub-major program for environmental leadership development)

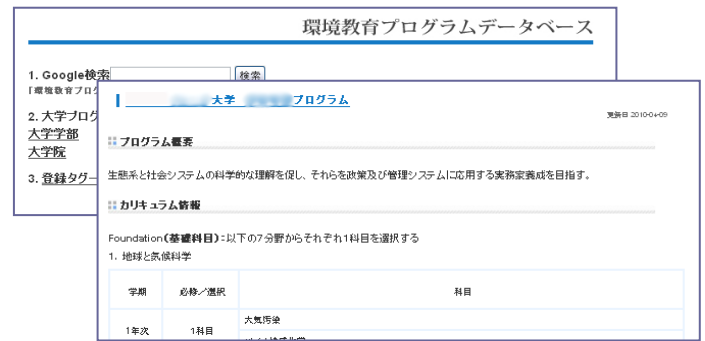
This is a program to foster the ability of environmental management to maximize corporate value, assuming to be implemented as a graduate sub-major program. The systematized curriculum consist of six subjects as described below.



Project ② “Information Infrastructure” construction projects

Environmental education program database

Information on environmental education programs provided by Japanese and overseas universities and graduate schools is posted on the EcoLeaD website. Program overview and curriculum of nearly 500 programs are currently posted for free searching and viewing. Member universities can freely edit their program information, and add multimedia contents.



The screenshot shows the '環境教育プログラムデータベース' (Environmental Education Program Database) website. It features a search bar with a '検索' (Search) button. Below the search bar, there are navigation links for '大学' (University) and 'プログラム' (Program). The main content area displays a list of programs, including 'プログラム概要' (Program Overview) and 'カリキュラム情報' (Curriculum Information). A table at the bottom shows the curriculum structure with columns for '学期' (Semester), '必修/選択' (Required/Optional), and '科目' (Subject). The table indicates that for the 1st year (1年次), there is 1 required subject (1科目) in the field of '大気汚染' (Air Pollution).

Information transmission and exchange project to support environmental leadership development

- ▶ EcoLeaD email newsletter
- ▶ Portal site for good practices of environmental leadership development in universities and graduate schools (**)
- ▶ “Discussion groups” to discuss various issues regarding environmental education online (**)
- ▶ “Matching site” to notify information on internships, collaborative research, etc. provided by corporations and NGO/NPO (**)
- ▶ “Teaching materials database” to utilize those developed at universities and graduate schools implementing model programs (**)
- ▶ Internet broadcasting of EcoLeaD seminars (refer to the Project③ in the following) (**)

(**) As Planned.

Project ③ Seminars and dialogues to promote cooperation

Seminars and symposiums

Seminars and symposiums with a theme of environmental education and management are hosted at various places in Japan. Innovative approaches, and panel discussions are held with participants from business, academia, government and NGO are presented by experts.

We also plan to offer intensive courses and short seminars using the model programs in the Project①. A broad-range programs will be provided including summer school for students and environmental management seminars for corporations.

University meetings and academic conferences for environmental leadership development

MOEJ projects to develop model programs for environmental leadership development have been implemented at universities and graduate schools since 2008.

EcoLeaD has been hosting meetings of universities that are entrusted with the MOEJ model projects twice a year since 2008. Developed programs and superior educational methods are presented and networking of participating universities is promoted.



Project ④ Promotion of international cooperation in Asia

Promotion of networking through international conferences

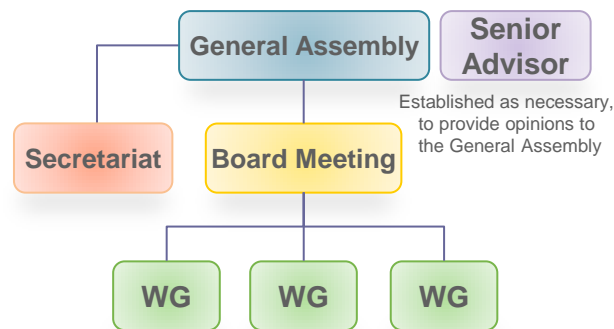
International conferences on environmental leadership development and environmental management promotion held in Japan, China Korea and other Asian countries, and introduces its activities. EcoLeaD provides its members with information of innovative approaches of organizations overseas.

Introduction of environmental leadership development program to Asia

The guidelines for two programs constructed in Project① are translated into English to introduce them to other Asian countries. EcoLeaD intends to collaborate with educational institutions in Asian countries for sharing information about educational programs and tools.

Organization

A project and budget plan is reviewed at the Board Meeting and submitted to the General Assembly to be decided. Committees and working groups are set up as needed to discuss and run individual projects.



Admission to EcoLeaD

I invite you to join in EcoLeaD in the effort to foster “Environmental Leaders” who understand the historical relationship between the earth and human activities from the past to the present; can multilaterally analyze sustainable human society as the future task from the aspects of economy, resources/energy, conservation of biodiversity, handling of climate change, etc.; can argue on how to manage the environment in Asian countries as global citizens; and are equipped with a high degree of professionalism and communication skills.



Itaru Yasui
Chairman of the Board,
EcoLeaD;
Vice –Rector Emeritus, United
Nations University Professor
Emeritus, Institute of Industrial
Science, University of Tokyo

About Participation

▶ Participants

- Members of EcoLeaD will consist mainly of people from universities, companies, the public sector, civil society organizations, international organizations, etc. in Japan, who have interest in environmental leadership development and are willing to participate in EcoLeaD activities.
- As international partners, universities, companies, government organizations, civil society organizations and international organizations overseas could participate in information exchange and activities through the EcoLeaD website, online news letters, and on other occasions.

▶ Admission

- To become an international partner of EcoLeaD, please apply online at the EcoLeaD website.
- If there is any question, please contact us by email. (Please see the contact information below.)

▶ Participation expenses

- Participation is free.

Merits for International Partners

▶ Merits

- International partners of EcoLeaD can access the EcoLeaD website and obtain information from it.
- International partners would list their banners and links to their home page on the EcoLeaD website.
- International partners can post their program information on environmental leadership development in EcoLeaD Environmental Education Program Database.
- International partners can get involved in communication, cooperation and networking of EcoLeaD members from the government, academia, industry and civil sectors.

For more information, please contact:

Secretariat of EcoLeaD

2-14-18-4F Shibuya, Shibuya-ku, Tokyo 150-0002
(c/o Institute for Promoting Sustainable Societies)

TEL:03-6418-0375 FAX:03-6418-0380
E-mail:info@eco-lead.jp URL:www.eco-lead.jp