

Essence of Environmental Learning Framework

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Self-introduction of Mikio KIMATA

- Professor Emeritus of Ethnobotany and EE, Tokyo Gakugei University, Fellow of Tokyo University for Foreign Studies; Dr. of Agricultural Sciences (from Kyoto University)
- Expedition: Indian subcontinent, Central Asia, China, Korea and so on for researching the domestication and dispersal of millets.
- Study abroad: India and United Kingdom
- Overseas trips: US, Canada, EU, Australia, Thailand, Russia, etc.

Essence of Environmental Learning Framework

Fundamental theory of environmental learning established by the Institute of Natural and Cultural History (Expedition Club of Tokyo Gakugei University) since 1974.

Saishiki garden in Tokyo Gakugei University and
The places and rural communities around Chichibu-Tama-Kai National Park.

Learning Center of mountainous villages ⇒

Rural community ecomuseum ⇒

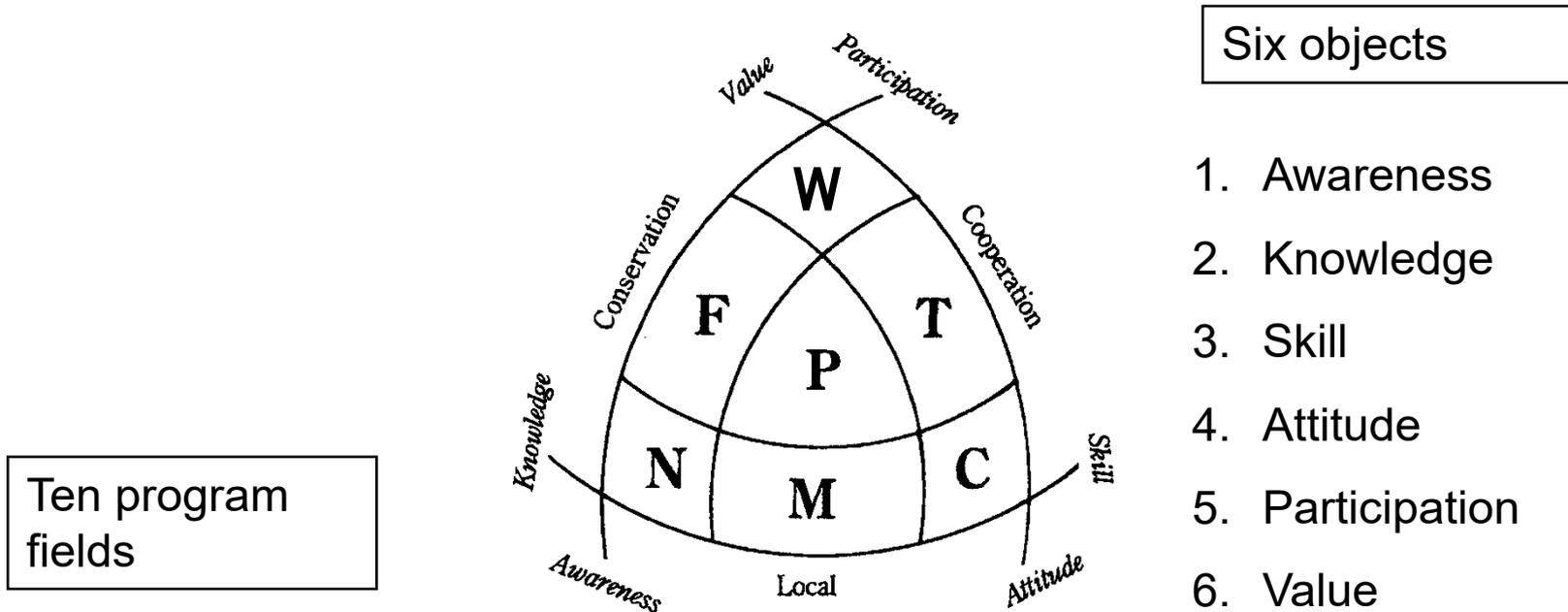
Plants and People Museum ⇒

Transition Kosuge ⇒ Millet Road = connecting
between cities and villages in southern Kanto area

Introduction to Environmental Learning Framework

- We have proposed an integrating framework of environmental education programs , ELF, to practice and research EE (Kimata 1990). The ELF consists of ten programs, that is, (1) basic programs, a) natural history, b) cultural history and c) world view; (2) relating programs, a) making, b) thinking and feeling; (3) integrating program, play; and (4) action programs, a) local, b) cooperation and c) conservation. We hope to reach effectively the goal (six objects) of environmental education through the ELF.

Fig. 1. Environment Learning Framework for environmental education programs



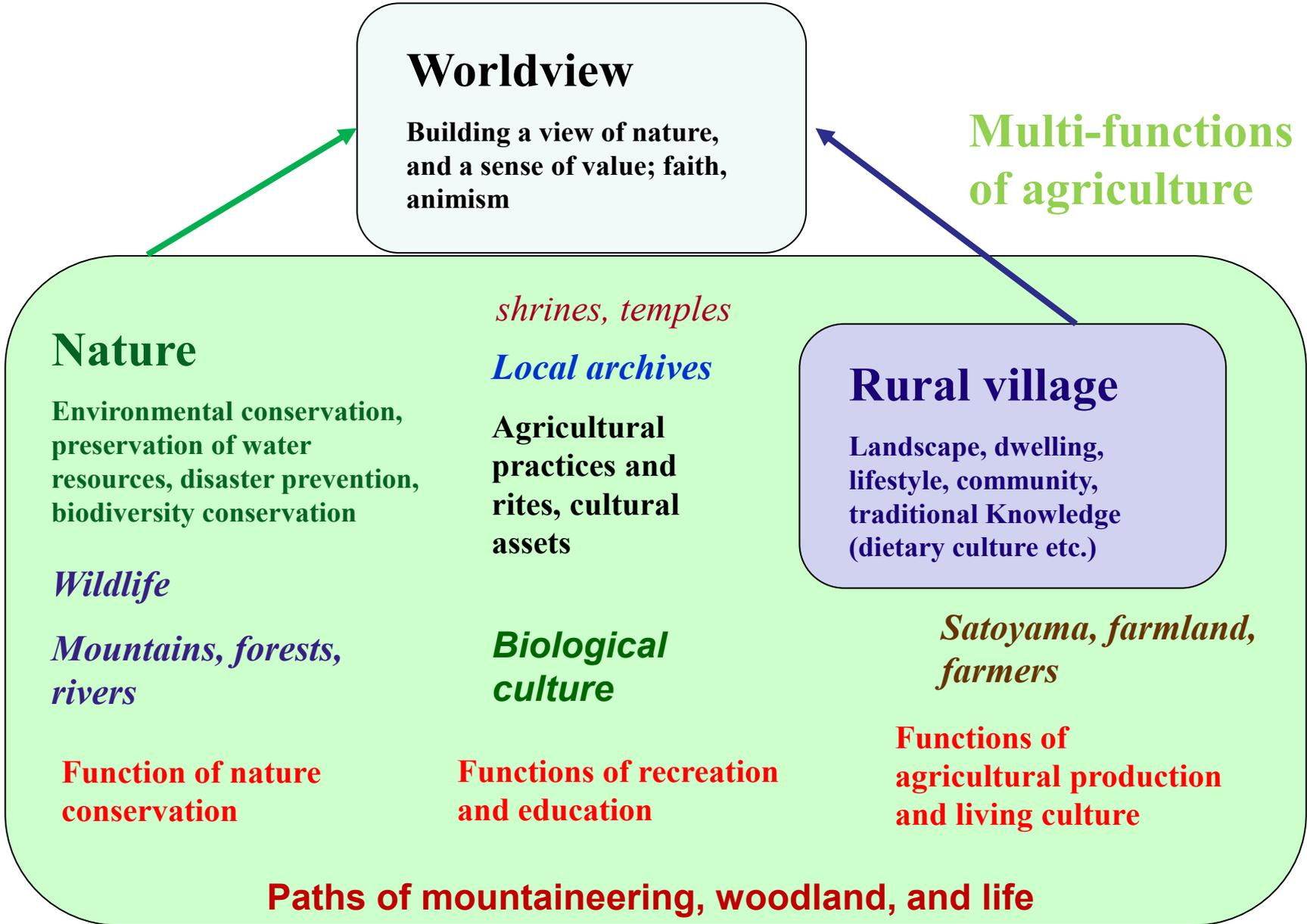
Six objects

1. Awareness
2. Knowledge
3. Skill
4. Attitude
5. Participation
6. Value

Ten program fields

1. Basic programs: N, natural history; C, cultural history; and W, world view.
2. Relating programs: M, making; T, thinking; and F, feeling.
3. Integrating program: P, play.
4. Action programs: Local, Cooperation and Conservation.

Fig.2 Rural community **Ecomuseum Nihon -mura**



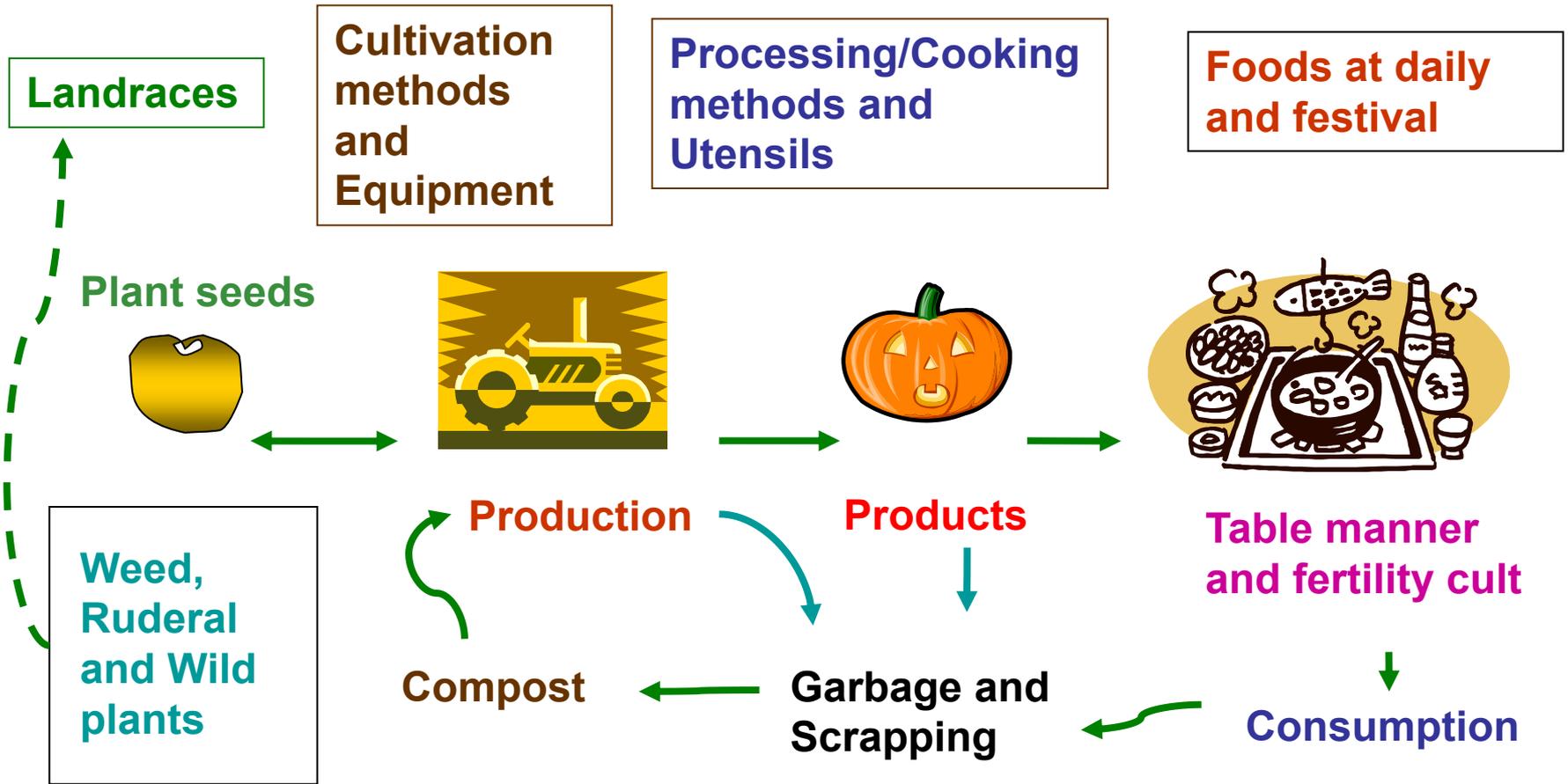
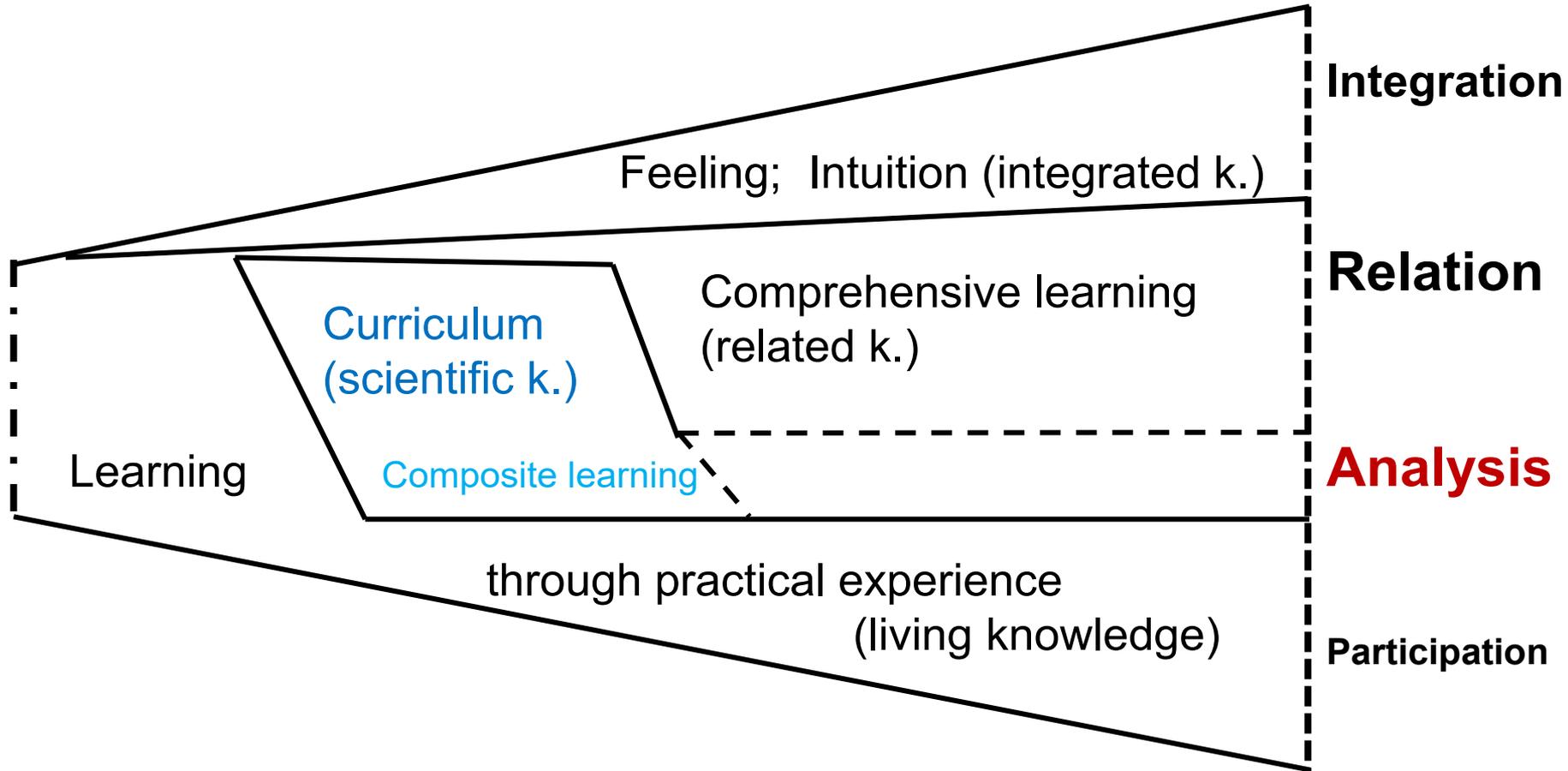


Fig. 3 Basic Agricultural Complex: Searching a sustainable agriculture such as half-closed circulation system

Fig.4 Environmental learning process through a lifetime for adapting the complication of civilized community

Traditional/local ⇒ Modern schools ⇒ Present/global ⇒ Future civilization



Babyhood

School age

Adult

Local

⇒

Global

⇒

Sustainable

Joint training of RUP and TGU cooperated with INCH in 2011

**Village Office with village
headman**

**Exhibition of Thai culture at
Plants and People Museum**



Kinoshita Fish Farm



Cooking Thai food



Kami-Ichibukata Elementary School

Dancing with children



Seminar at Tokyo Gakugei University

Graduate students from Thailand

Lecture by Dr. Laddawan Kanhasuwan



Beating drums with children



Hiroseya Inn



National Science Museum at Ueno



Edo-Tokyo Museum at Koganei



Guidance on Joint Training Session of RPU and TGU

October 14~28, 2011

Tokyo and Yamanashi, Japan



Date: 13:00~15:00, October 14 (Fri)

By Mikio KIMATA, FSIFEE, TGU



Fieldwork 1

- Date: 11:00~14:00, October 15 (Sat)
- Participants: graduate students and faculty
- Place: Edo-Tokyo Open-air Architectural Museum in Koganei-shi, Tokyo
- Theme: Historical houses and traditional local foods in Tokyo

<ELF-C program>

Fieldwork 2

- Date: 10:00~16:00, October 16 (Sun)
- Participants: graduate students and faculty
- Place: from Akihabara, IC technological town, via Asakusa to Ryogoku (Edo-Tokyo Museum) in the old section of Tokyo
- Theme: History of Edo-Tokyo and traditional “chanko” foods for sumo wrestlers

<ELF-C program>

Fieldwork 3

- Date: 10:00~16:00, October 17 (Mon)
- Participants: graduate students and faculty
- Place: from Kagurazaka to Shinjuku
- Theme: Inspection about Shrines of Seven Deities of Good Fortune at Buddhist, Shinto and Taoist traditions in Shinjuku sub center of Tokyo

<ELF-C+W program>

Fieldwork 4

- Date: 10:00~16:00, October 21 (Fri) and 10:00~12:00, October 22 (Sat)
- Participants: graduate students and faculty
- Place: Natural and cultural history of Kosuge-mura in Chichibu-Tama-Kai National Park
- Theme: Inspection of a village located in temperate mountain area

<ELF-N+C program>

Fieldwork 5

- Date: 9:00~13:00, October 24 (Mon)
- Participants: graduate students and faculty
- Place: Kami-Ichibukata Elementary School
- Theme: Visit an elementary school in Hachiouji-shi

<ELF-T+L+Co program>

Workshop 1

- Date: 14:00~16:00, October 19 (Wed)
- Participants: graduate students and faculty
- Place: Plants and People Museum at Kosuge-mura
- Theme: Introduction about Plants and People Museum on Ethnobotany

<ELF-L+Co+Cn program>

Workshop 1-2

- Date: 14:00~16:00, October 20 (Thu)
- Participants: graduate students and faculty
- Place: Plants and People Museum at Kosuge-mura
- Theme: Preparation of the exhibition on Thai culture

Workshop 2

- Date: 10:00~13:00, October 20 (Thu)
- Participants: graduate students and faculty
- Place: Hiroseya Inn
- Theme: Preparation of curry sauce through Thai and Japanese style

<ELF-M+C program>

Workshop 3

- Date: 14:00~16:00, October 22 (Sat)
- Participants: graduate students, faculty and villagers
- Place: Plants and People Museum
- Theme: Round-table talk of traditional life style at Kosuge-mura

<ELF-T program>

Workshop 4

- Date: 10:00~16:00, October 23 (Sun)
- Participants: graduate students and faculty
- Place: Plants and People Museum
- Theme: a study of teaching materials for environmental education

Workshop 5

- Date: 10:00~15:00, October 28 (Fri)
- Participants: graduate students and faculty
- Place: FSIFEE, TGU
- Theme: Preparing a reports on this join training session

Seminar 1

- Date: 16:10~17:40, October 18 (Tue)
- Participants: graduate students and faculty
- Theme: Climate change in Thailand and Japan on the following areas; agriculture, biodiversity of plants and animals, ocean and fresh water, temperature, health etc. Using EE to people on climate change.

Seminar 2

continued

- Date: 16:10~17:40, October 25 (Tue)
- Participants: graduate students and faculty
- Theme: Relation between Health (eco-health) / Happiness and Environment.
What is the better environment for our health and happiness?

31st Environmental Education Seminar

- Date: 10:30~12:00, October 25 (Tue)
- Speaker: Mr. Paul Shepherd, Jissen Gakuen High School
- Theme: Global transition town movement, about transition town activities in Japan and about environmental issues.

Making up a paper obligated

Two pages of A4 paper in English

- Theme: Your opinion on the TJ Seminar before and after this short stay program in Japan.
- Contents:
 - 1 Change of the understanding of EE
 - 2 Effects of this short stay program
 - 3 Change of your interest for studying and research abroad

Map of center of Tokyo

