

Review of Kamakura Field Trip

November 24, 2017

Result of Observation

➤ Illegal waste disposals in Kamakura beach



Vinyl Waste



Plastic Waste



Glass Waste



Vinyl Waste



Cigarettes

Result of Interview

➤ Questions and Responses

- **Q. What kind of trash can you find in Kamakura beach?**
 - *Answer was similar to our findings during observation, pre-interview session*

- **Q. If you found a waste along the beach, would you pick it up or leave it?**
 - *They would feel responsible for their belongings, but would not try to sanitize the mess done by others*

- **Q. What do you think about the illegal waste disposal issue in Kamakura beach?**
 - *Most with negative response: severe environmental issue, as well as it is destroying the value of the beach*

- **Q. What do you think would be the best solution to solve the environmental damage done by those illegal waste disposals?**
 - *There should be strict governmental regulation and punishments in regard*
 - *The government should place man-force if the situation gets severe*

Feelings and Thoughts

➤ The role of the general people and the role of the government

- **Agreement upon the fact that the people who visit Kamakura beach are primarily responsible for the wastes, and should take it with them when they leave**

- **Government intervention is necessary in terms of prevention and mass-sanitization for those in severe conditions**
 - *Without proper timing of the aid of an governmental authority, the cycle of the ecosystem will lose its self-rehabilitating capability*

- **Insufficient of trashcans and legal disposal sites for wastes were also a problem**
 - *Before an opening of a beach as a public park, the relevant authority should place legal / designated disposal sites for wastes brought by tourists*

- **Continuous campaign to change the “It’s not my problem” issue**
 - *Generally, those who visit Kamakura did not recognize the environmental issue before it was brought up. They are mostly uninterested on those factors*

Permaculture – an Integration

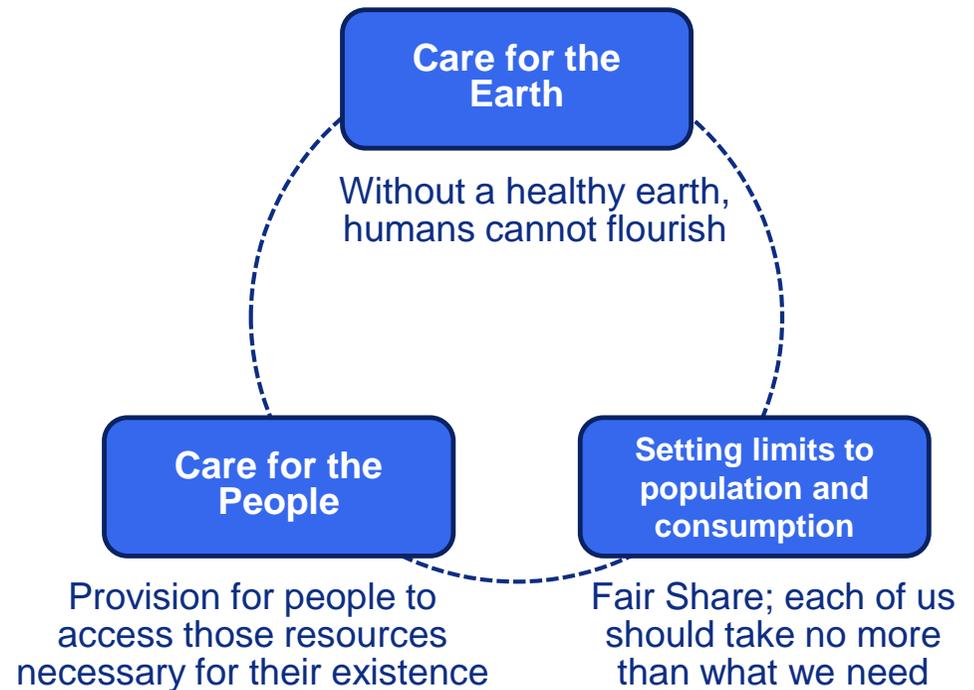
➤ Core contents

- Originally referred to “permanent agriculture”, but later expanded its meaning to “**permanent culture**”

▪ Selected permaculture design principles (by David Holmgren)

- Integrate rather than segregate
- Observe and interact
- Catch and store energy
- Apply self-regulation and accept feedback
- Use and value renewable resources and services
- Use and value diversity

Core tenets of design



Future Tasks

➤ **Gaining recognition of the general public as top priority**

- **The general public was neither interested in recognizing the issue and to participate in any possible solutions**
- **Without the needs generated from the general public, no authority will step-up to relieve the issue**
- **Government action is necessary starting from those which are in severe situations, and gradually should expand to overall shores of Japan, since Japan is a country heavily reliant on marine ecosystem**
- **Promote contributions from the general public in after**