

A STUDY ON THE CONSTITUTE OF EFFICIENTLY CORRESPONDENCE SYSTEM FOR THE COASTAL LITTERS PROBLEM IN THE JAPAN

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1. Objective of study

The purposes of this study is to analysis the institutional problem for treating coastal litters, and try to construct an efficient system for coastal zone management. And the final goal of this study is to propose a “supporting tool” for the coastal problem of litters.

2. Background

The coastal environment is very sensitive. From this reason, someone has to preserve coast environment, and everyone must not do the act which influences coastal environment. However disposed litters have come ashore then pollute coastal zones. Accumulated litters in the coastal area are not only the problem of increasing environmental risk but also expanding social expenditure. On the other hand, the Japan’s coastal management system does not have the effective measure to solve with the coastal litters problem of coastal environment.

3. Methods

The method of this study is to analyze the character of the coastal litters and also the social countermeasure for litter problem. The results of these analyses will be used for extracting the essential components that are consisting of “supporting tool” for facing coastal litters.

4. Basic issues

Why coastal litter problem have been treated improperly; following three points should be investigated. 1: Litters come ashore sporadically and unexpectedly; identifying polluters are almost impossible. 2: Local government is reluctant to pay any money for treating those litters. 3: Coastal management system is confused by the reason of complicated law system.

From these reasons, local governments do not make active policies for facing this problem.

5. Conclusion: how improve of coastal conditions

Supporting tool developed by this study has a function for assisting coastal manager’s decision-makings. This tool has been designed to judge the managers responsibility based on the location where the litters are beached and type of the litters. This tool will sure to support the manager’s quick response.

This tool is operated by giving information on 1) when did the event happen? 2) What was spilled out? 3) Where did it happen? 4) How much did it spill? Then this tool presents the proper information for each location to treat the coastal litters to the manager.