

Investigating the difference between tourist age groups with environment education indicators

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Abstract

People lifestyle was change with they have a rest two days in every week, so they began more tourism leisure activities. To face many tourist areas, how to educating tourists to protect the environment, it is an important with visit behavior. After all, there is a good environment, then the tourism have good quality.

keyword: environment education

Background

In recent years, the lifestyle was changes in Taiwan. Due to the implementation of a two-day vacation on one week, and the increasingly sophisticated transportation and communication facilities and related other factors, that people percept the importance for tourism and leisure activities.

Touring, now, the tourists to

emphasize the importance for the natural and human environment on their deeply experience. Especially, related the issue on the environmental protection, that is an important to recognition in natural ecology in the present.

Thus, the educational function on the tourism, that let visitors can to respect the ecological conservation, environmental protection, and other social responsibility on their visiting.

The aim of this study is to understand whether difference exist between the different tourists age groups and percept of environmental education.

Literature Review

Technological advance has led to the rapid development in society and economic activities, so that let the change for people's lifestyle. Due to the

abundance of material life, so that numbers of people consume and meanwhile produce a lot of abandoned items to pollution, diminishing resources, thereby endangering the environment continued development. One of the best ways to solve the world's environmental crisis is to develop environmental education for people (Yang, 1998).

Environmental education is a interaction process of education, the environment, people, social, that can be obtained from the knowledge, skills, and values, to solve the current and future environmental problems (Palmer, 1988).

Macro perspective, the environmental education, which expand to the life, production and ecological to maintain their sustainable development. From the ecological point of view, the deep environmental education, then can touches the ecological philosophy, environmental ethics and take a responsible to protect environmental behavior (Wang, 2000).

Lai (2005) and Hsiao (2009) argues

that environment education is a process, the subject included the course and actives to teaching the students obtains both of correct knowledge and build positive attitude to be concern environment, and use various skill to practicing the behavior to protect environment, and also to solve related the environment problem.

Empirical Analysis and Result

The questionnaires were received, the analysis step was followed. Respondents were dived into three groups which according to their ages, as shown in Table 1, there are: <20 years group, 21-40 years group, and >40 years group, respectively.

Excepting the age 21-40 group was not statement specially agree items, the age >40 group percept the most agree items were: " It is necessary to understand all of the environmental problems", " It is need to promote the protection of the environment ", " Environmental regulations is need to be understood ", and " Environmental

education must be done ".

The items " It is necessary to understand the hazards of all kinds of environments ", " Protecting the environment is an important responsibility ", " Environmental protection is the responsibility of the whole people ", " Need to understand

the relevant ways to protect the environment ", " Need to understand the relevant ways to protect the environment ", and " Different domestic environment, the need to have different environmental protection knowledge ", which were the age <20 group percept the most of agree indicators.

Table 1 The Means Analysis

Items	<20	21-40	>40
1. It is necessary to understand all of the environmental problems.	4.41	4.36	4.61
2. It is necessary to understand the hazards of all kinds of environments.	4.54	4.37	4.51
3. Protecting the environment is an important responsibility.	4.76	4.54	4.73
4. Environmental protection is the responsibility of the whole people.	4.71	4.55	4.70
5. It is need to promote the protection of the environment.	4.63	4.53	4.68
6. Need to understand the relevant ways to protect the environment.	4.56	4.31	4.46
7. Environmental regulations is need to be understood.	4.46	4.20	4.56
8. Damage to the environment is subject to legal penalties.	4.59	4.20	4.48
9. Different domestic environment, the need to have different environmental protection knowledge.	4.54	4.11	4.48
10. Environmental education must be done.	4.71	4.34	4.73

Then the research analysis through process the ANOVA analysis steps for obtain the empirical results. The ANOVA test results was shown in Table

2. There are indicate that items " It is necessary to understand all of the environmental problems ", " Protecting the environment is an important

responsibility ", " Environmental regulations is need to be understood ", and " Damage to the environment is subject to legal penalties " were presentation significantly difference at $p < 0.05$ among three different age groups with their percept the related environment education indicators.

In addition, the three different age groups percept the related environment education indicators" Different domestic environment, the need to have different environmental protection knowledge " and " Environmental education must be done " two items presentation significantly difference at $p < 0.01$ level.

Table 2 ANOVA Analysis

Items	F test	P value
1. It is necessary to understand all of the environmental problems.	2.589*	0.077
2. It is necessary to understand the hazards of all kinds of environments.	1.407	0.246
3. Protecting the environment is an important responsibility.	3.082*	0.047
4. Environmental protection is the responsibility of the whole people.	2.059	0.129
5. It is need to promote the protection of the environment.	1.274	0.281
6. Need to understand the relevant ways to protect the environment.	2.211	0.111
7. Environmental regulations is need to be understood.	6.455*	0.002
8. Damage to the environment is subject to legal penalties.	5.559*	0.004
9. Different domestic environment, the need to have different environmental protection knowledge.	8.426**	0.000
10. Environmental education must be done.	9.668**	0.000

*, $p < 0.05$; **, $p < 0.01$

Conclusion

This study examine three age groups whose percept the related environment education and to analysis whether their

difference among indicators. " Different domestic environment, the need to have different environmental protection knowledge " was the age < 20 group

percept the most of agree indicator; " Environmental education must be done " was the age >40 group percept the most of agree indicator.

That results implication that government need to distinguish the different ecosystem environment which to implementation some protect strategy in the environment education for teaching the young group. Naturally, the young they can agree the environmental education must be done.

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