

Examining the Relationship Between Environmental Awareness and the Level of Education and Occupation of People

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Received: 21 May 2022; Accepted: 11 July 2022; Published: 18 August 2022

Abstract:

The environment is one of the sensitive and vulnerable dimensions, and a responsible view of the environment and special attention to environmental issues are among the hallmarks of many societies. In this study, the level of environmental awareness of the citizens of the 13th district of Tehran was investigated. In this practical study, 400 male and female citizens aged 15 years and above living in the 13th district of Tehran were selected. The results showed that, statistically, there is a positive and significant relationship between environmental awareness and the level of education and occupation of people.

Keywords:

Environmental Awareness, Education, Job

1. Introduction

The environment is one of the sensitive and vulnerable dimensions. Today, urban spaces, especially metropolises, are facing many problems. One of the environmental problems is waste, which is a serious problem due to the increase in consumerism. Degradation and pollution of soil, which is mainly caused by the traditional type of agriculture and the use of many poisons, is considered as another biological problem that plays an important role in the pollution of water and water resources. Another environmental pollution is the pollution caused by the consumption of biofuels, which has led to the pollution of the environment (Azmi, 2019). On the other hand, the air pollution of the cities, which has caused the pollution of buildings and urban facilities, and has created a very ugly urban landscape, and all kinds of lung and respiratory diseases, chronic bronchitis, skin cancer, decay of urban facilities, decay It has

brought the destruction of clothes, animals, etc. to urban people (Kazemi, 2015). But protecting the environment is as much the duty of the governments, it also requires the true and informed participation of the people. Today, the level of environmental awareness, attitude and behavior of the society is considered as one of the indicators of national civility that reflect many aspects of the environmental situation (such as personal considerations and behavior, general ability and the attitude of local citizens towards a sustainable society).

2. Research hypothesis

Statistically, there is a positive and significant relationship between environmental awareness and people's level of education. Statistically, there is a positive and significant relationship between environmental awareness and people's jobs.

3. Research Purpose

Examining the relationship between environmental awareness and the level of education and occupation of people

4. Research background

Marzban et al.'s studies (2018) with the aim of evaluating the level of awareness and environmental behaviors of the citizens of Yazd city showed that there was a statistically significant difference between the environmental awareness and behavior of women and men. Thus, the level of environmental awareness and behavior of women was higher and the most source of obtaining environmental information was radio and television. In the study of Sejasi Khedari et al. (2017), the level of environmental awareness of villagers and their performance in the rural environments of Zanglanlu district were investigated. In the findings section of their research, it was found that there is a significant relationship between the environmental behavior of villagers and their level of knowledge and awareness. In another research, Mobarqai Dinan and Shahriari (2015) studied the needs of environmental education among housewives with a case study of district 15 of Tehran Municipality. The results of the research showed that women in this region have a high level of environmental knowledge and awareness. Hashemi et al. (2014) investigated and evaluated the promotion of environmental culture with emphasis on the role of education. The results of the research showed that education had a positive effect on the development of environmental culture with an effect rate of 0.69. Dargahi et al. (2012), in their research entitled "Investigation of the level of participation of the people of Hamedan city in the project of separation of urban waste from the source, they came to the conclusion that the level of people's participation in waste collection in areas 3, 5 and 7 of Hamedan city was different from each other. Chin et al. (2019), to investigate the public awareness and support for environmental protection of Malaysians from air pollution in their place of residence, their awareness of the causes and effects of air pollution, their opinions about air pollution and their willingness to pay for Protect the environment. Their results showed that about two-thirds of Malaysian respondents believed that the air was either not polluted at all or polluted in a way that did not cause any harm. The study of Aznar-Diaz et al. (2019), in the field of environmental attitude of trainee teachers in primary education and the future of preserving biodiversity and environmental pollution, showed that the environmental attitude of teachers towards pollution and its consequences in biodiversity and natural spaces is very important. . Safari and Ziari (2017) investigated the social and cultural factors

affecting citizens' participation in environmental protection. The results of the research showed that the factors of education and awareness, sense of responsibility, religious and traditional values, social ethics and norm-making were among the most important factors affecting the preservation of the environment among citizens.

Taghipour et al.[1], studied Risk analysis in the management of urban construction projects from the perspective of the employer and the contractor.

Khalilpour et al.[2], studied The Impact of Accountants Ethical Approaches on the Disclosure Quality of Corporate Social Responsibility Information an Islamic in Iran.

Mirzaie et al.[3], studied The Relationship Between Social Bearing Capacities with Conflict as a Result, in the Perception of the Visiting Historical Sites.

Taghipour et al.[4], studied A Survey of BPL Technology and Feasibility of Its Application in Iran (Gilan Province).

Jalili et al.[5], studied Utopia is considered to be the physical form of an ideal human society where the goals are met.

Seddigh Marvasti et al.[6], studied Assessing the Effect of FRP System on Compressive and Shear Bending Strength of Concrete Elements.

Taghipour & Yazdi.[7], studied Investigated the Relationship between Competitive Strategies and Corporates Performance. Seismic Analysis (Non-Linear Static Analysis (Pushover) and Nonlinear Dynamic) on Cable-Stayed Bridge.

Taghipour & Moosavi.[8], studied A look at Gas Turbine Vibration Condition Monitoring in Region 3 of Gas Transmission Operation.

Rezvani Befrouie A et al. [9], discussed the design of high-rise building with ecological approach in Iran (Alborz Province).

Khorasani and Taghipour.[10], studied The Location of Industrial Complex Using Combined Model of Fuzzy Multiple Criteria Decision Making (Including Case-Study).

Arsalani et al.[11], studied Investigating the Effect of Social Media Marketing Activities on Brand Awareness.

Habibi Machiyani et al.[12], studied Designing a smart model for managing Iranian chain stores based on business intelligence (case study of proma chain store).

Azarian and Taghipour.[13], studied The Impact of Implementing Inclusive Quality Management on Organizational Trust (Case Study: Education).

Taghipour and Azarian.[14], studied The Impact of Extensive Quality Management on Human Relations (Case Study: Education).

Hoseinpour et al.[15], studied The Problem Solving of Bi-objective Hybrid Production with the Possibility of Production Outsourcing through Meta-Heuristic Algorithms.

Alamdar khoolaki et al.[16], studied Effect of integrated marketing communication on brand value with the role of agency's reputation.

Taghipour et al.[17], studied Investigating the Relationship between Competitive Strategies and Corporates Performance.

Taghipour et al.[18], studied The identification and prioritization of effective indices on optimal implementation of customer relationship management using TOPSIS, AHP methods.

Ghadamzan Jalali et al.[19], studied Explain the Relationship Between Intellectual Capital, Organizational Learning and Employee Performance of Parsian Bank Branches in Gilan province.

Taghipour and Vaezi.[20], studied Safe Power Outlet.

Mohammadi et al.[21], studied Investigating the role and impact of using ICT tools on evaluating the performance of service organizations.

Taghipour et al.[22], studied Insurance Performance Evaluation Using Bsc-Ahp Combined Technique.

Abdi Hevelayi et al.[23], studied Predicting Entrepreneurial Marketing through Strategic Planning (Including Case Study).

Abdi et al.[24], studied the relationship between strategic planning with entrepreneurial marketing in the saderat bank of north tehran.

Hashemi and Taghipour.[25], studied The effect of peer-related factors on increasing the productivity of low-level employees (Including case study).

Rahmani et al.[26], studied Providing Health, Safety and Environmental Management (HSE) program in Metal Mining Industry (Including Case study).

5. Research Method

The type of research is practical in terms of purpose and it tries to provide the necessary information about the level of environmental awareness of the citizens of the 13th district of Tehran to the editors of management and planning and environmental education. Besides, the research method is descriptive and theoretical and survey bases were used to collect data.

6. Statistical Analysis

The statistical population of this research includes all male and female citizens aged 15 and over living in the 13th district of Tehran. The number of samples is equal to 384 residents of the 13th district of Tehran, both men and women.

7. Data analysis

Research hypothesis:

Statistically, there is a positive and significant relationship between environmental awareness and the level of education.

Table 1. The results of the test for the variable of education level.

Variable	The amount of training hours	Quantity	Average number of ranks	Significance level
Environmental health protection awareness	5<x h	100	189.73	0.541
	5<x<10 h	150	175.51	
	x>10 h	150	212.20	
Resource conservation awareness	5<x h	100	207.14	0.632
	5<x<10 h	150	185.40	

	x>10 h	150	165.40	
Awareness of air pollution	5<x h	100	200.65	0.745
	5<x<10 h	150	189.65	
	x>10 h	150	200.41	

But among the respondents of the research community, according to the level of education, in terms of the variables of environmental health protection awareness (sig=0.541), resource protection awareness (sig=0.632) except air pollution awareness (sig=0.745) according to There is no significant difference with significance levels higher than 0.05.

Research hypothesis:

Statistically, there is a positive and significant relationship between environmental awareness and people's jobs.

Table 2. The results of the test for people's job variable.

Variable	People's jobs	Quantity	Average number of ranks	Significance level
Environmental health protection awareness	Unemployed	195	200.73	0/210
	Employee	103	180.69	
	Free job	102	204.21	
Resource conservation awareness	Unemployed	195	206.34	0/612
	Employee	103	190.32	
	Free job	102	194.51	
Awareness of air pollution	Unemployed	195	201.34	0/560

However, among the respondents of the researched community, by occupation, in terms of the variables of environmental health protection awareness (sig=0.210), resource protection awareness (sig=0.612) except air pollution awareness (sig=0.560) according to There is no significant difference with significance levels higher than 0.05.

8. Results

Nowadays, with the increase of environmental issues such as energy crisis, climate change, waste and destruction of natural resources and increase of waste materials due to urbanization and industrial development, human effect on the environment has attracted the attention of researchers.

Because many of these problems are caused by the direct and indirect consequences of human behavior. In this regard, one of the important variables is a person's awareness of environmental issues. Awareness is a tool to overcome ignorance or false information and is among the predictors of people's concern and environmental behavior. In terms of geographical and climatic conditions, Region 13 has faced many environmental issues, the most serious of which is the water crisis and air pollution in that geographical region. Previous research in the field of behavioral sciences has shown that social variables can act as essential factors influencing the improvement of environmental issues.

Based on this, in any geographical region, it is not possible to preserve the environment regardless of the level of awareness and environmental attitude of social

actors; because their livelihood and daily behaviors are covered by their awareness and attitudes towards the environment around them.

Conflicts of Interest

The authors declare that there is no conflict of interest regarding the publication of this article.

Funding

This research received no specific grant from any funding agency in the public, commercial or not-for-profit sectors.

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