

## **Investigating the Effective Physical Factors in the Development of Coastal Ecotourism in Southern Islands of Iran: A Case Study of Hendurabi Island, Iran**

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**Abstract :** Background and Objective: The attractive potential for tourism in the southern islands of Iran, Kish, and Qeshm and recently Hendurabi, are becoming more and more popular and object of increased attention from the investors. The Iranian coral reef islands, with the exception of Kish and Qeshm, have not undergone sufficient development. The southern islands of Iran have faced two problems with climate change and the desire for the presence of tourists. The lack of proper planning, inefficient management, and lack of adequate knowledge of ecosystems of offshore regions have severely damaged the world natural heritage. This study was conducted to consider the correlation of tourism, development, and ecosystem because there is a need for further addressing the ecotourism in coral islands. Method: Through qualitative research, this paper was used of library studies and field studies and surveying to study the physical (objective-subjective) physical factors of ecotourism development in Honduran Island. Using SPSS software and descriptive-analytical method was shown the results. The survey was conducted with the participation of 150 tourists on Kish islands, who were chosen at random and who expressed their desire to travel to Hendurabi Island. Information was gathered using SPSS software and unique statistical T-test. The questionnaire was put together using AMOS software to ensure that the questions asked were sufficiently relevant. Findings: The results of this study presented that physical factors affecting the development of ecotourism in two categories are objective and subjective factors because IFI factor = 0.911 and CFI Factor = 0.907 into the target community. Discussion and conclusion: The results were satisfactory in that they showed that eco-tourists attached importance to see views, quiet, secluded areas, tranquility security, quality of the area being visited, easy access to services these were the top criteria for those visiting the area while they adhere to environmental compliance. Developing Management of these regions should maintain appropriate utilization along with sustainable and ecological responsibility.

**Keywords :** ecotourism, coral reef island, development management, Hendurabi Island

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