

TOURISM CONSTRUCTIONS IN FRAGILE ECOSYSTEMS: CASE STUDY IN GALAPAGOS ISLANDS, ECUADOR

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This paper addresses elements related to sustainability in tourism construction related planning and project for how to manage the negative environmental impact in fragile beach ecosystems in Galapagos Islands, Ecuador, which have been caused by certain construction approaches and techniques. The study discusses the current status of construction on beachfronts and other coastal areas, including economic, sociocultural, environmental aspects and other instruments aimed at ensuring sustainability. The application of environmental assessment methods to the field of construction design allows us to study and evaluate the actions that take place in the activity of planning, projecting, implementation, the use and eventual abandonment or recycling of built objects, with the goal of determining, predicting, interpreting and communicating the negative impacts that these actions cause to the environment under current conditions, in order to achieve a social model with sustainable approaches to tourism in Galapagos Islands of Ecuador. At the same time, it is necessary to use the analysis and synthesis methods to study the primary contributions of the research subject and to verify its validity in the field of tourism construction. The application of the work will contribute to the analysis of economic costs from an environmental perspective, through the adoption of preventive environmental measures rather than retroactive ones; reducing the consumption of materials, manpower, energy and time by focusing on the problem in advance and estimating the environmental costs that must be included in long-term valuations as part of feasibility studies

Biography

Ruiz Lourdes has completed her PhD from Universidad Técnica José Antonio Echeverría in Havana, Cuba and Postdoctoral Studies from Dresden University in Germany and Universidad de Alcalá de Henares in Spain. She is an Architect, Master in Construction Sciences, Doctor in Technical Sciences and General Director of Research at Universidad Internacional del Ecuador. She has published more than 30 papers in reputed journals and has been serving as an Editorial Board Member of *repute*.

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