A Study on the Evaluation of Tourism Competitive Information and Decision Analysis

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ABSTRACT

International tourism is expected to be a major vehicle of economic development in industrializing countries in the twenty-first century. Countries with tourism-based economies must develop approaches for employing their comparative advantages to achieve competitive advantages. However, competitiveness in the tourist industry is multi-dimensional and complex. This study proposes that the competitiveness of a tourist destination should be composed of (1) Ricardian comparative advantages (RCA), including the conditions of natural endowments (exogenous comparative advantages) and the degree of technological change (endogenous comparative advantages); (2) Porterian competitive advantages (PCA), explaining the increase in trade among countries with similar factorial portfolios than in trade pattern determination; (3) tourism management, i.e., providing high quality education and training to tourist industry workers as well as public goods, support services and reduced transaction costs to enhance RCA and PCA; and (4) environmental conditions, including the domestic and the global environmental conditions. This study employs analytic hierarchy process (AHP) to weight these evaluation dimensions, elements and indicators in the proposed tourism competitiveness research framework. The analytical results reveal that exogenous comparative advantages (weight, 49.18%) is the most important factor for enhancing the tourism competitiveness of a tourist destination. Other important factors are competitive advantages (17.27%), tourism management (12.01%), endogenous comparative advantages (10.62%) and global environmental conditions (6.03%). The least important factor is domestic environment conditions (4.89%). Additionally, statistical analyses were conducted to reveal the influential effects among RCA, PCA and tourism management. The analytical results indicate that exogenous comparative advantages influential effects could enhance competitive advantages. In the influential process, effective tourism management also could play the catalyst role in providing suitable assistance to enhance PCA. However, the influence of endogenous comparative advantages influential effects is negative. In contrast, competitive advantages influential effects slightly enhance exogenous comparative advantages (natural, cultural and heritage resources) and endogenous comparative advantages (human resources improvement).

Keywords: tourism competitiveness evaluation; comparative advantages; competitive advantages; analytic hierarchy process

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