Geography Perspective on Environmental Sustainability with a focus on tourism (Case study: Langroud County)

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ABSTRACT: Today, tourism is considered as an industrial income, and economic cost in communities, so that leisure time has increased by developing technology, and using natural gifts have found a valuable place. In meanwhile, coastal cities are attracted many tourists by accessing to water resources, fertile land, and cheap sea transportation and port location. As for as it provides potentialities of necessity for creating job, and economic prosperity. Therefore, geomorphic forms with the potential and absorption characteristics in the ground of developing human elements and natural factors have created different landscapes with making variety of spaces from each other. In this regard, researches have tried to evaluate two important factors of potential tourism, and geomorphological attractions in sustainable development of the Coastal Langroud County. According to the results, this county is located in part of the southern Caspian Sea, and the East of Guilan province with considering to the special topography of location (beach, plain, mountain), and effect on the left of geological past to now, with diverse vegetation on basis of humid temperate climate, and high-water hydrology that it profits from the unique geomorphic conditions such as waterfall, convex and concave valleys, flooding plains, bay, lagoon, etc. that with the establishment and development of recreative tourist sites such as climbing, camping, boating, etc. provide good conditions for tourists. For this purpose, after analyzing above-mentioned factors, proposed plan has presented in order to attract tourists that to achieve sustainable development of ecological environment in the field of tourism industry for coastal areas and cities are entailing planning, implementing practical, and responsible techniques by governmental executors.

Key words: component; Geography, tourism, sustainable development, environment, coastal areas

INTRODUCTION

Today's world, technology development has brought so many people to have more free time, hence the use of natural fertile ground for filling their leisure time provided to the concepts of tourism (tourists) the scientific literature has gained valuable position.

The simplest definition is the tourism industry for a while, which leads people out of their homes to travel to visit other areas pay[1]. Accordingly coastal cities due to the availability of water resources on the one hand and fertility of soils due to the location of the connection between river basins and sea, causing a high concentration of population in these areas. Appropriate locations for leisure provides individuals generally higher in cities located on the coast of the main ports that are cheap marine transportation makes it quite possible to turn this matter for economic growth and attract major industries, and capitalism, employment Mark brings with it. [2] Moreover, experience shows that there are two natural forms and perspective of human factors together in urban areas and coastal sustainable development is very evident. As far as land and landscape forms a powerful attraction for people who see meetings that have a lot of land that is attractive and informative spectacular Landform [3].

The coastal tourism - marine ecotourism is one of the natural features three media affected by air, sea, land, and people are always concerned about this issue, contact micro Systems coastal environment in three tions are created, attractions and enjoy a special status for the tourism potentials of the coast have provided. This type of ecotourism, especially in our country and many notable is important [4]. In this way the southern coast of the Caspian Sea, especially in the summer than the coastal areas south of the attention of tourists and
nature are friends because of favorable weather outlook combined (in both tension mountain, forest and sea) and coastal landforms are appropriate[5]. Thus the southern shores of the Caspian Sea has always attracted many domestic and foreign tourists every year, many people spend their leisure time in nature are traveling to North of Iran. Given this context, in addition to creating jobs and preventing migration to coastal cities irrational to avoid populated areas like Tehran and sustainable development and environment for present and future generations helps.

THE EXPRESSION METHODS

In this study, based on surveys and documents descriptive - analytical study is an attempt to answer the following basic questions:

A) Which are the important Geographical factors and opportunities for sustainable construction in the coastal Langroud county?
B) What is the impact of tourism on the environment and sustainable development of the coastal town is Langroud?

POSITION OF LANGEROU COUNTY

Langeroud county is located, in the eastern of Guilan province region. This city is limited from the North to Caspian Sea, from the south to the Siyahkal city, from West to Lahijin city and East to districts of Roudsar and Amlash [6]. It covers an area of approximately 441 square kilometers with three sections that include 4 town, 7 village, and 202 inhabitants [7]. (Figure 1)

SLOPE AND TOPOGRAPHY

based on the studies in the desired area on the topographic conditions are below:

The Coast

This area is relatively flat with a slope of less than one percent, and height between 0 and -25 meter from sea level and it includes holes, water logging and the wetlands[8], that the accommodation and reception facilities for swimming, sailing and ... in the summer it can be used as a good recreation.

The Plain

This area is include the beach begins until an altitude of 200 meters, and generally it’s slope between 1 to 2% and extent of human activities landscapes such as urban and rural, and in this region could be observed arable land, that with the alluvial terraces and alluvial fans are covered [9].

Unit foothill and mountain

The elevation range contains from 200 meters to 2100 meters and it is slope between 5 and more than 30 percent, and includes a single hill areas to be interconnected Mountains that due to the Valley of convex, concave and deep are separate.

Because of the climatic conditions are generally good in the first 6 months, used for aestivation, climbing, walking and ... [10]. (Figure 2)
Figure 2. Topographic units Langroud county

**Geomorphology**

Due to the processes of morphogenesis Langroud county has special diverse, as in most areas of very high mountains with sharp peaks covered with snow all year to low-lying. Differences in elevation and geology are made up caves, and Falls, springs.

On the other hand, Within plain, remains of alluvial range and the old river to flood plains (delta) can be seen from its fertility and water resource has a unique ecosystem and dynamics of this region provides a good conditions for tourism development projects within or adjacent plains region, that in despite of the lowlands and coastal waters of the Caspian Sea is affected by fluctuations and Been benefiting from attractive manifold.

As far as the old coastal plains, with concave and convex surfaces of sand, sand dunes, bay and wetlands by Location of overwintering birds is essential for attracting tourists in order to preserve natural resources and ecosystems[11]. (Figure 3)

Figure 3. Langroud county of geomorphology

**Peninsula Chamkhaleh**

The peninsula is located at a distance of 10 km from the center Langroud county [12].

The segmentation of coastal land has emerged by the rivers of Langroud and Shalmanroud from the junction of the rivers formed beautiful lake and has created a good environment for sailing - water-skiing, fishing and hunting birds.

Wide beach, and beautiful sandy peninsula with nearby attractions such as wildlife parks, lakes and mountain culverts, as this site has an area of major tourism and it is provided to may be good grounds for field trips, sports, Artistic, environmental, cultural activities Even though research in the Caspian region and the province of Guilan[13]. (Figure 4)

Figure 4. Recreation area - tourist Chamkhaleh

**Summary and Conclusion**
Today, tourism as an industry is economically and income for the country's progress since the balance sheet development, social and economic impacts of tourism and environmental potential are used for the two most important factors. [14]

Meanwhile, coastal cities due to the high human and natural abilities is the proper place for tourists. And from the distant past to the present, the high concentration of population has economic gravity point for agriculture, transportation, water and harbor.

In this way, Langroud city is benefited by natural conditions such as the topography (coast, plain mountain), temperate and humid climates, hydrology, water from two rivers Langroud and Shalmanroud with several branches and under forest vegetation to reedy.

It has a unique perspective with taking into account the geomorphic conditions such as waterfalls, fountains, delta, bay, lagoon and etc., that it distinguishes from other places. Thus the form (5) with an emphasis on geographic capabilities Langroud, suggested map is presented for Construction of recreation and tourism sites to attract tourists.

![Map](image)

Figure 5. The proposed map for building entertainment-tourism sites to attract tourists in the Langruod county.

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