

## **THE IMPORTANCE OF CREATING SPATIAL DATA INFRASTRUCTURE FOR THREE CITIES IN THE LAKE OF OHRID: STRUGA, OHRID AND POGRADEC**

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### **ABSTRACT**

The necessitate for spatial planning records and their distribution has stimulated the development of spatial data infrastructure at national, regional and global levels. The initiative aim to provide a smooth, fast, unique and simple access to spatial data to all interested users. This applies to all those who are working or are engaged with other activities, directly or indirectly related to the use of spatial data (space planners, architects, civil engineers, agronomists, foresters, travel agencies, citizens).

The importance of spatial data infrastructure that was implicit from the moment when people realized the importance and value of information about space and location of activity, was shown when they realized that information on spatial data should be collected, processed and be available for anyone interested.

Creating spatial data infrastructure for three cities that lie on the shore of Lake of Ohrid, Struga, and Pogradec (R. Albania) is a very important element, that would be used in all walks of life, economy and science also.

This paper will present the influence of spatial data infrastructure for the region, intended to boost economic development of this region (especially tourism as economic branches with more resources), the damage that has this region as a result is the lack of spatial data infrastructure and the benefits that would have as a result of the creation of spatial data infrastructure.

Physics-geographical and socio-economic features reflect natural and human resources that this region possesses, which means the potential resource the region with similar characteristics that will influence in economic and social development and the possibility of cooperation with an important element of connects in the Lake of Ohrid.

Physic-geographical features present phenomena and processes in nature which was created under the influence of natural forces, over which man cannot influence because of their genesis lies under the influence of endogenous and foreign factors which are unique and irreversible where example of this is the greatest assets of this region in the Lake of Ohrid.

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Therefore this information as: relief, hydrographic, climate, geological composition of soil, vegetation, etc. should be listed in the basic information (framework) of spatial data infrastructure.

Important elements that play a major role in economic development and society in general are the cadastres, property, line the shore of the lake, communications infrastructure, administrative boundaries, spatial arrangement, forestry and agriculture as branch of economy, ecology, physical facilities, names geographic etc. These elements are part of the thematic group and metadata information as a result of changing them according to quality is important basic preconditions for any investor to become recognition with the region.

For the realization of this paper are using some scientific methods, such as mapping, look in the field, comparative etc.

Information has been and remains a key element in economic and social development broadly, thus creating spatial data infrastructure for the region will have positive effects for the reason that the promotion of spatial data through the Internet and other electronic equipment will be available each moment for all concerned. This will directly affect the economic development of the region and in particular economic sectors that has more potential this region such as tourism, agriculture, livestock, easily food industry etc.

**Key word:** SDI, Lake of Ohrid, economic development, creating SDI.