

**STUDY REGARDING THE IMPROVEMENT OF THE TOURIST ACTIVITY
THROUGH THE PROPOSAL OF NEW TOURIST FACILITIES
IN VALIUG AREA**

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***Abstract:** The jewel of the area under study is without a doubt Valiug Lake, which attracts, every season, tourists from all over, the place being inviting for boat rides, the beach or swimming. Moreover, in recent years, pontoons with deckchairs have been set up here, which can be rented for a day. In order to improve the tourist activity, we propose for this area modular houses that will be thought and built mainly for people who appreciate freedom and nature, but who are very busy and cannot always enjoy a walk or an outing in nature in this case we thought nature should come to them.*

Key words: *tourist development, Valiug, proposals, tourism*

INTRODUCTION

At the development of a tourism planning strategy, several factors are taken into account, among which: natural and anthropic tourism resources, their degree of capitalization; the material, human and financial resources related to tourism; political and economic objectives in the short, medium and long term; the achievements of the tourist activity in terms of reception structures, tourist circulation and economic - social results[4,7,9,10].

Taking into account these factors, the main objectives of the tourism development strategy are the following [1,3]:

- superior exploitation of the tourist potential;
- reducing seasonality, respectively, extending the tourist season by equipping the territory with exploitable and functional facilities all year round;
- attracting, on this basis, an increased number of tourists;
- expanding the geographical area of origin of foreign tourists; increasing the economic and social efficiency of the tourism activity [2,5];
- the development of all possible and affordable forms of tourism in the developed territory; preservation and conservation of the environment and tourist attractions [6,8].

The area of Caras-Severin County is dominated by mountainous relief, thus the Valiug area offers its guests a natural setting of unique beauty and objectives of particular tourist and scientific interest. Therefore, at the foot of the Semenic Mountains, at an altitude of 535m, 22 km from Resita, there is the admirable picturesque region, Valiug Resort. Valiug commune was formed in the wide valley of Barzava, being surrounded by hills with spruce and fir forests. It stretches along the Barzava river, starting from the settlements in Crainicel to the final area of the part called Hirti, at the places where the roads fork to the right towards the Gozna Dam, and to the left towards Garana. The entrance is marked by the sector called Poiana Valiugului, after its original name Iosefinental. The neighbors of the Valiug commune are the former Cuptoare commune, which is currently a district of the Resita municipality, and the village of Garana, which belongs to Brebu Nou [11].

Access to the commune is on the Resita-Slatina-Timis road or by train to Slatina-Timis, from here, continuing on the road through the village of Garana [12].

MATERIALS AND METHODS

In order to carry out this scientific work, we undertook studies in order to carry out a diagnostic analysis of the area under study, so we can mention that the Valiug lake is located upstream of the Valiug locality, representing the last lake on the Barzava, being built for hydropower purposes and for supplying with drinking water of the city of Resita.

In this area is also the Barzavita Nature Reserve, a protected area of national interest. The reserve is included in the Semenic-Cheile Carasului National Park, with an area of 3406.90 ha. Barzavita represents an area of geological, faunal and floristic interest, with broken slopes, steeps, ravines and valleys; mostly wooded with beech species mixed with spruce, oak, fir and gorun. At the level of grasses, we find floristic species such as gherkin, cornflower or thorn.

The jewel of the place remains without a doubt Lake Valiug, which attracts tourists from all over every season. The place is suitable for boating, beaching or swimming. Also, pontoons with sunbeds, which can be rented for a day, have been set up here in recent years. For those who cannot imagine their vacation without a backpacking trip, the mountainous Banat is extremely generous[5]. The mountainous area in which we are located is a spectacular picturesque landscape. The conifer forests and those of beech, oak, hornbeam are an ornament of these lands and are also one of the basic riches, as well as those that ensure the ozonation of the environment.

For both visitors and hikers, we remind you of the charm that can be visited in the Valiug area and its surroundings:

Baraj House, which over time has become a destination where a simple visit is not enough, has become an experience. It is where you experience the mountain and the lake in a different way than you expected. The beauty of the landscape offers you a multitude of ways to enjoy it, such as: quality music, tasty food, friendly staff, ski slopes and recreational activities.

Pastravaria Semenic after crossing the forest road next to the Barzava River it reaches this restaurant, where you can taste the best fish from the Banat area, prepared according to traditional recipes. Below the trout is the Comarnic cave, the most beautiful in Banat. A route on Mount Semenic will lead you to the Semenic plateau, where the hermitage "Saint Elijah" was built, inside which you can see the iron icon of Saint Prophet Elijah. From the Semenic plateau, the panorama over Valiug Lake is special. On the opposite side is Garana, one of the tourist towns of the mountain Banat, and next to it – the Trei Ape tourist resort.

In terms of climate, the central European position and the location in the western Piedmont province offer a sunny exposure of 21%, shaded 32% and partially sunny 47% [9]. It is estimated that the state of the quality of the atmosphere is good, especially since the surrounding resorts, Semenic, Trei Ape, Crivaia, but also the tourist villages, Valiug, Garana, Brebu Nou are famous for their ozonized air rich in negative ions and volatile essences of conifers. It is indicated both for rest and for the treatment of nervous asthenia, states of debility, physical and intellectual overwork, secondary anemias, diseases of the locomotor system and respiratory tracts. The main natural healing factor is the tonic climate, with clean air, free of dust and allergens and the strong ionization of the atmosphere, due to forests, including conifers.

Due to the wonderful landscape and the favorable environment for leisure activities, according to INSSE, the number of tourists in the area in the period 2019-2021 (table 1.1, respectively table 1.2) is as follows:

Table 1.**Arrivals of tourists in reception structures**

Arrivals of tourists in reception structures	2019	2020	2021
Tourists	7961	5214	8346

Source: <http://statistici.insse.ro:8077/tempo-online/#/pages/tables/insse-table>

Table 2.**Tourist accommodation capacity**

Tourist accommodation capacity	2019	2020	2021
Tourists	584	628	638

Source: <http://statistici.insse.ro:8077/tempo-online/#/pages/tables/insse-table>

RESEARCH RESULTS

Following our experience in the Valiug area and analyzing the factors presented above, we thought that, in order to develop tourism in this area, we could approach the concept of floating wooden modular houses. Why this concept? Because it is easy to be place and are environmentally friendly.

Modular houses are houses manufactured in workshops based on three-dimensional modules of material: wood, steel or concrete, which are equipped according to the project and the finishing aspects that the customers choose and which are assembled at the destination thus forming the final house.

Traditional homes are built brick by brick directly on a plot of land that the owner has chosen to settle on, while a modular home is built in a factory and transported in sections to the plot of land chosen by the owner. In addition to that, it can be disassembled and reassembled elsewhere if the customer decides to move. [13]

The development of such houses can be implemented if the advantages of such a construction are made known to the public. In addition to the fact that, from a tourist point of view, there are no such houses in the Valiug area, they are very beneficial from the environmental point of view, and such a house is much cheaper than those built from brick and concrete. At the same time, the construction time is up to 4 times less than that of traditional houses.

The Floating House concept consists of: 2 luxurious double bedrooms, 2 spacious bathrooms, a living room, a kitchen and a superb terrace. The house was inspired in design and construction by nature, freedom and the desire to have the most beautiful view from the early hours of the morning until the late hours of the evening.

The structure from which the floating house is made is based on glass and special wood, to resist humidity and the force of water. The base of the floating house is made of a resistant and sliding platform, which easily balances on the surface of the water, but at the same time it is flexible and sways slightly from one side to another, depending on the water movement.

The structure of the house is made of a perfect joint of columns. The walls are made of very resistant glass, and in places there are portions covered with wooden paneling, for added privacy.

Due to the materials from which it is built, it offers the owners the possibility of relocating to any other water, considering that the structure of the house allows it to be assembled and reassembled easily.

Although positioned as a luxury home, the houseboat has neither the size nor the opulent interiors characteristic of other homes in the same luxury category. Considering the purpose for which it was created, namely to inspire freedom and ease of movement, the furnishing style is minimalist, reduced to the bare essentials, without decorations that can burden the space[14].

In the construction of the floating house, the most important part is ensuring buoyancy, which is usually done by two methods. In both cases the foundation of the houseboat is made of concrete. In the first case, the foundation is filled with special foam, which over time no longer ensures floating as well and is helped by mounting some barrels underneath. The second case is that the foundation to be empty on the inside and its good insulation is necessary to prevent the entry of water that can submerge it.

In addition to buoyancy, home furnishing is important. Every extra ton makes the house sink half an inch. And in this case it is possible to intervene with barrels below, but they can move or crack over time. Thus, a floating house requires permanent adjustments just to ensure floating[15].

According to the website <https://ro.pinterest.com/> we come up with the following modular house ideas:

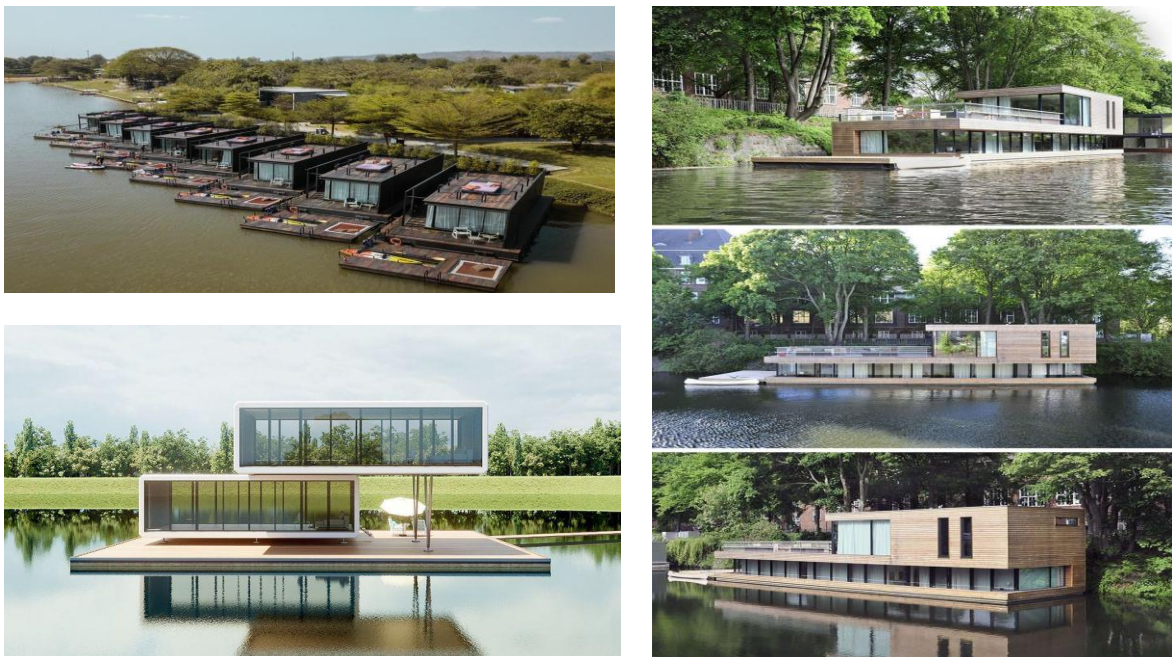


Figure 1. Modular house ideas

The effort of building a house is important, because there are aspects to be weighed about the total cost and the benefits. Residential houses are constructions from which a long-term residence is expected, which must offer comfort and the lowest possible maintenance and repair costs. For modular houses, these aspects are at a level that can be considered very good. The ratio of advantages and disadvantages is clearly in favor of the former.

For both variants, we present aspects that you can rely on, but also what you need to pay attention to in the following figures [16]:

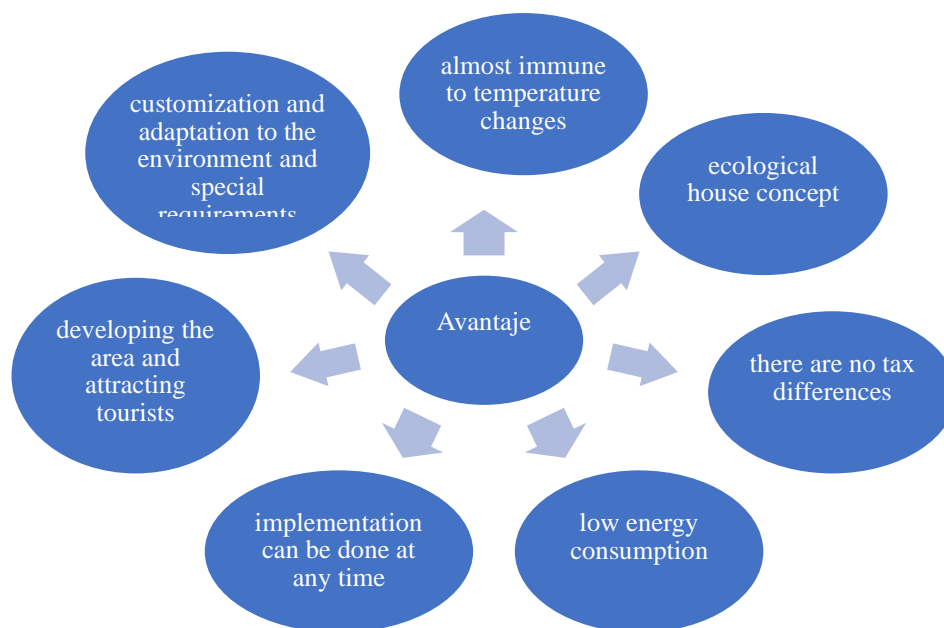


Figure 2. The advantages of the floating wooden modular house

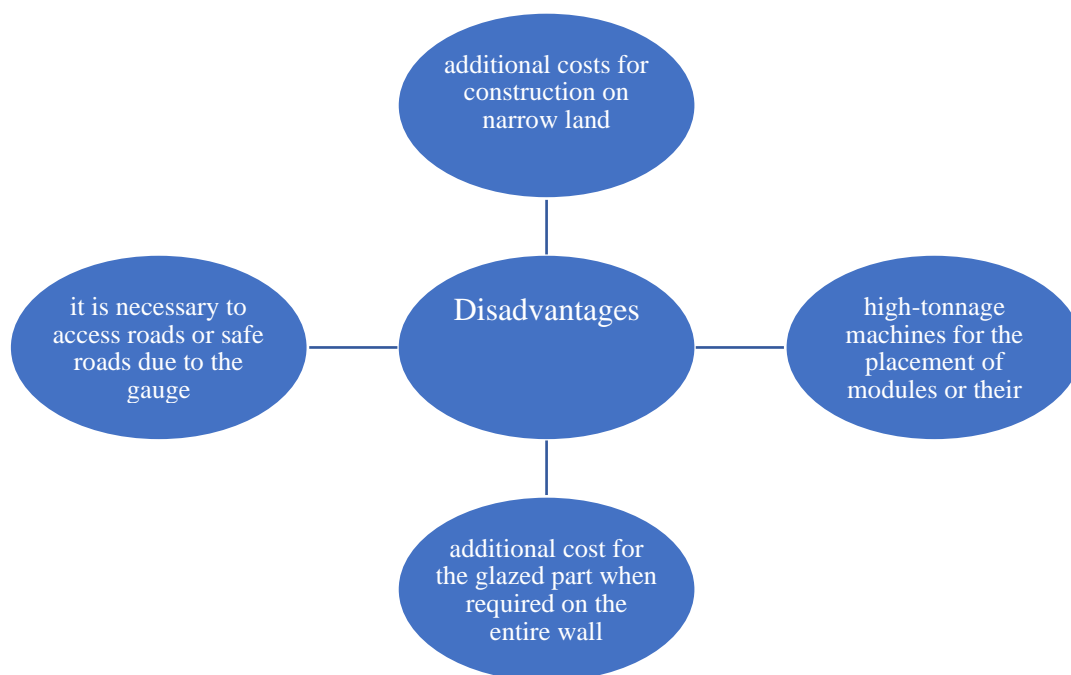


Figure 3. Disadvantages of the floating wooden modular house

According to the specialized literature, there are no special authorizations for this type of house, but it is more difficult to obtain the environmental authorization and the fire department authorization due to the field of activity [17]. Thus, the necessary documents for obtaining the environmental authorization and starting the project are:

1. Application for the release of the environmental authorization.
2. The presentation and declaration sheet with the content contained in Annex no. 2, according to Order MMDD no. 1798/2007 for the approval of the procedure for issuing the environmental authorization.
3. Proof that the request was made public through at least one of the information methods specified in Annex no. 3 (public announcement) according to Order 1798/2007 for the approval of the procedure for issuing the environmental authorization.

4. Copy after the legal document of space/land.
5. The framing plan in the area of the objective and the situation plan with the way of planning the use of the surfaces (scale 1:5000 or 1:10000), followed by other drawn parts established as the case may be by APM.
6. Regulatory acts issued by other authorities necessary to issue the environmental permit. Utility contracts: canal water, electricity, thermal energy; Sanitary operating authorization issued by DSP Caransebes; PSI authorization issued by the Firefighters Group of Caransebes County; Labor Protection Authorization issued by ITM Caransebes).
7. The record of findings for the verification of compliance with all the conditions imposed by the environmental notice/agreement drawn up according to MAPM Ord. no. 860/2002 for the approval of the environmental impact assessment procedure and the issuance of the environmental agreement. Status report regarding the status of existing compliance program (if applicable).
8. Proof of payment of the tariff related to the completion of the procedure in order to issue the environmental authorization for activities with a significant impact on the environment according to Order 1108/2007 on the approval of the Nomenclature of works and services provided by public authorities for the protection of the environment under the tariff regime and the amount their related tariffs.
9. Power of Attorney, as appropriate (does not require notarization).

CONCLUSIONS

The Valiug area is a beautiful area, with great tourist potential due to the landscape and the resources found in this area. The concept of the floating house was thought and realized mainly for people who appreciate nature and freedom, but who have a busy schedule and cannot always enjoy a walk or an outing in nature, in this case thinking about letting nature come to them. Considering that it must have excellent stability on the water, the house is not very large, but it is suitable for a couple or a family with a small number of members.

By developing the concept of modular floating houses and by making the public aware of their advantages and disadvantages, followed by activities that will delight tourists and potential customers, we can say that the area's income from tourism activity will experience substantial increases.

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