

MOUNTAIN TOURIST RESORT SEMENIC

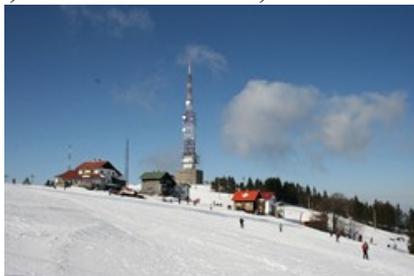
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Abstract: *This complex consists of several resorts that could become an important attraction for the area. The paper deals with the subject of pollution with electromagnetic non-ionizing radiation in tourist complexes in the Semenic Mountains, Caras-Severin County.*

Keywords: *non-ionizing electromagnetic radiation, tourist complexes, Semenic.*

This complex consists of several resorts:

- Secu - on the shore of Lake Secu;
- Three Waters on the shore of the Three Waters, at the tail of the lake where the three streams meet (Semenic, Brebu and Gradiste);
- Valiug - on the shore of Lake Valiug - Gozna;
- Crivaia - upstream of the dam, on the mountainside;
- Semenic, situated on the mountain plateau, at an altitude of 1447 - Piatra Goznei, 1437 Piatra Nedei, 1446 Semenic.



Semenic

The mountain has a continuous geomorphological evolution from the Paleozoic era until now. The end of the Cambrian formed the oldest rocks - the Crystalline rocks. Tectonic cycles formed anticline and syncline structures that were perforated by eruptive rocks. These rocks are not on the surface because the volcanic eruptions have not taken place. You can also see sedimentary rocks from Permian, when the area looks like an archipelago. With the withdrawal of water and the action of the meteoric and surface waters, the mountain was shaped quite strongly. The current relief is attractive and interesting. The plateau is strewn by massive rocky formations, surrounded by degraded rock fields. Beautiful landscapes also meet in the adjacent valleys: the Keys of Timis, Teregovei and Armenis.

These geomorphological features allow the development of a complex tourism for over a century. The industrial areas around the mountain have contributed massively both to the relief modeling (storage lakes, ski slopes,

access roads) and to the development of tourist infrastructure. Also, the area was and is being used by tourists throughout the year. If first, only local tourists came, it has now entered the international circuit. Both the localities around the mountain and the mountain resorts have a growing tourist potential.



Radio antennas

From the point of view of environmental pollution, there are some problems, which can be of several forms:

- Exploitation and mining explorations abandoned on some adjacent valleys around the mountain;
- Mining explorations abandoned on the mountainside. These works pose a risk of crumbling and water contamination with heavy and radioactive metals;
- Existence of equipment for telecommunication on the mountain plateau (GSM networks, radio and television translators, professional communications). The tourist area is relatively remote from the equipment area.
- Several wind turbines are also installed. Their implementation began before 1989. The plan at that time provided for the installation of approximately 300 aggregates. The idea was not abandoned but was thought to be much smaller. And these few aggregates can pose a risk, but it all depends on the speed of the palm and the direction of the wind.

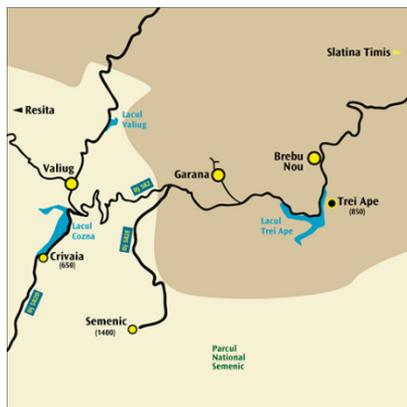


Eoliene - Semenik



Eoliana Semenik

Statie Meteo Semenik



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