

Rock-hewn Churches of Ivanovo

The Churches are created in the karst forms of the Lower Cretaceous porous and water permeable limestone. They are on the right vertical slope of the Roussenski Lom River. The locality is a part of the Moesian Platform.

The limestone is fractured, karstified and weathered. The slope processes deform the limestone with the Churches.

The slope with a part of the Churches are partially affected by local demolition and influence of superficial water.

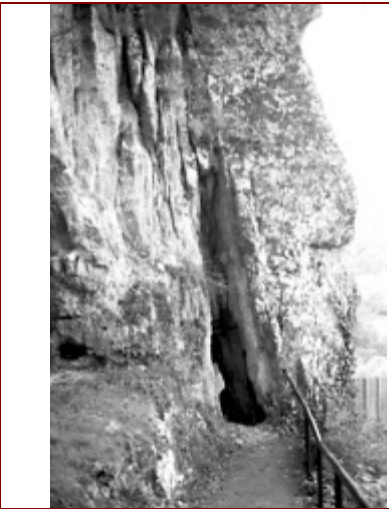
Main geological risks: karst, seismicity of intensity VIII degree (MSK-64), fractures and ground water that are dangerous for the Church's constructions and mural painting.



Investigations for the engineering geological conditions are made.

Several measures for the protection of the churches are proposed.

Restoration works are done in a part of the Churches.



The Church complex of Ivanovo (12th -14th centuries) is developed in karst forms of the River slope. The Churches are as a result as of the combination between natural phenomena and human activities.

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