



Geology and Geothermal Resources of Kosova

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Abstract: Despite Kosovo's world-class lignite energy resources, the usage of geothermal sources is of high interest for Kosovo, since this energy source is renewable and environment friendly. Especially for small scale consumer and for consumer in difficult accessible regions, the usage of geothermal energy is advantageous. Unfortunately, in Kosovo the degree of knowledge about its geothermal resources is very small. Until now, no investigations in this regard were carried out in Kosovo. Hence, no detailed information is available. The "Database of Geothermal Resources in the Balkans" list few facilities of geothermal sites in Kosovo, but quantitative geothermal energy considerations have not been carried out. There is no sufficient data about the geothermal regime. Information about exact temperature in boreholes is not available. This paper provides an initial interpretation of existing geological data obtained over Kosovo in the past. The regional geological features represented by existing data are highlighted, also mineral-thermal water resources and geothermal resources potential maps for Kosovo are presented.

Key words: *Geology, Kosova, mineral, thermal, geothermal, energy.*

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