

Interactive comment on “The abandoned surface mining sites in Czech Republic: Mapping and creating the database with GIS web application” by R. Pokorný and M. T. Peterková

Anonymous Referee #1

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The reviewed article presents description of a new comprehensive database built on base on the vectorization of the 55-volume book series The quarry inventories of the Czechoslovak Republic/Czechoslovak Socialist Republic, published in the years 1932-1961. Database comprises 9958 surface mining sites of raw materials, which were active in the first half of the 20th century. The mapped 10 area covers 40.9% of the territory of the Czech Republic. A map application The Quarry Inventories Online was created that enables the data visualization. The article can be useful for construction of the similar databases for many territories concluding old quarries. We have to emphasize that analysis carried out by the authors will be useful not only for history of mining, but also for numerous tourists, citizens of these territories and mineral industry

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of Czech Republic. Taking into account that many hundreds such sites were developed in Czech Republic during last centuries, it is very useful and important investigation. The Article deserves to be published.

Some disadvantages, which should be corrected:

1. There are a lot of references in Czech that would be shortened. Authors would mention main publications of every authors
2. Figure 1 is difficult for reading. I propose that it must be presented as color one.
3. Year of publication in References should be placed after names of authors, as it is made in all international scientific journals
4. Titles of articles should be selected like example:

Dudíková-Schulmannová, B., and Skarková, H. 2010. New internet database of decorative and building stones of the Czech Republic, Geoscience Research Reports for 2009, 297-299, (In Czech, English abstract)

Fajst, M., and Holásek, O. 1961. The quarry inventories of the Czechoslovak Socialist Republic. 55 – map sheet of the special 10 map 1:75000 Náchod 3856. Central Geological Institute, Prague, (In Czech)

[Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., doi:10.5194/gi-2016-2, 2016.](#)

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