

Publication of geotouristic map „Geo-Pomerania” on geoportal map server Mecklenburg-Western Pomerania as WMS (Web Map Service)

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The GeoPortal Mecklenburg-Vorpommern (Mecklenburg-Western Pomerania) offers the possibility of searching for geodata sets in, viewing geodata quickly and conveniently and of getting informed on existing Geo Web services. The link: <http://www.umweltkarten.mv-regierung.de> enables visualization and search of geodata sets of the nature and environment protection sector. The public use this mapservice instrument for the purpose of informing, adequately and systematically. The project viewers are updated regularly when new datasets and combined combinable with WMS topographic map and accurate orthoimagery.

The geotouristic map “POMERANIA” was created by the Geological Survey of Mecklenburg-Vorpommern (Mecklenburg-Western Pomerania) in co-operation with the Polish Geological Institute (Pomeranian Branch) in scale 1:200.000 (Börner et al. 2004). The idea of this map was the combination between a simplified geological map and geotouristic informations (geotops and geosite points) in German and Polish. This map promoting geological heritage in the province of Pomerania and with using this map tourists may see and discover the geological history and a lot of geological phenomenons and processes in this area. The concept and elaboration of geological walks, geological erratic gardens and geological cycle trails aim at enhancing public awareness of the geological heritage. The category “historic cultural monuments” demonstrate the relation between subsurface geology and biota, but offer also a link with the rich cultural and industrial heritage. The category “special pits” shows abandoned pits have been reclaimed as geological windows, where exquisite geological phenomena are conserved and used for education purposes. The high potential of geoheritage and glaciogeological phenomena are included. In the SE of map the presence of high-quality establishment of the national geopark “Mecklenburgian Iceage Landscape”. Especially centres of Geopark and the number of erratic-collections of so called “Geschiebegärten” are interesting for visualisation of petrographic differences and education purposes. Important for touristic discovering geosights in glacial landscape is the combination of trip propositions with bicycle roads.

Furthergoing information about geological development and cultural history are in pdf-files and in short information form available. With link connection tool the user can get details of geoheritage database of Geological Survey in Mecklenburg-Western Pomerania, which including informations and pictures of protected geoheritage like esker or bigger erratics.

In a next step we want to prepare the geotouristic map of Geopark “Mecklenburgian Iceage Landscape” for our mapservice. For further using we preparing an translation of legend and tools for English version.

References

Börner, A.; Błaszkiewicz, M.; Dobracki, R. (2004): Die geotouristische Karte der Oderhaffregion 1:200.000 – In: LUNG (ed.): Geotopschutz-Chancen zur nachhaltigen Entwicklung von Regionen in Europa, 12-14; Güstrow.