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The new seismogeographical regionalisation (level-3 regions)

on recommendation of IASPEI "Working-Group for Regionalisation"

The „Third Level Regionalisation" for Europe was done on behalf of the „IASPEI Commission on Practice: Working Group on Regionalisation". The coordinator for this work was Günter Leydecker, BGR /Hannover /Germany.

description of the data file   REG-CENTRAL-EUROPE-2013-y.txt
with the edge coordinates of the polygons of the seismogeographical regions, the abbreviations of the regions, the full names and the countries the regions belong

Order scheme of the regions
- country by country
  in first line of the first region: BEGIN REGIONS OF country
  in last line of the last region: END REGIONS OF country
- all regions of a country in alphabetic order according to the full region names
So it happens that the same region will be repeated two or three times because it belongs in parts to two or three countries.

Order scheme of the region coordinates
- one line for each edge of a polygon
- sense of orientation clockwise
- the regions are closed polygons; the starting point is repeated as last line

FORMAT

- latitude (degree, geographical coordinates)
- longitude (degree, geographical coordinates)
- plotting command for pen:
    in first line of a polygon = 3,
    else = 2

- abbreviation of the seismogeographical region (defined by the author):

    in first line: 2 characters;

    else: 2 blank

    in last line of a polygon: ** (to define the end of the polygon)

- full name of the seismogeographical region;

    max. 35 characters, necessary only in the first line of polygon,

    may be repeated in the last line of the polygon (to sign the end)

- in second line of the polygon: political belonging of the region

Example of the data file

```
53.470,11.540,3,'AM','ALTMARK' BEGIN REGIONS OF GERMANY
53.280,12.340,2,'  ', GERMANY
51.860,12.440,2,'  ',
51.830,11.870,2,'  ',
52.180,10.620,2,'  ',
52.375,10.700,2,'  ',
52.822,10.903,2,'  ',
53.165,10.802,2,'  ',
53.350,10.520,2,'  ',
53.470,11.540,2,'**', **ALTMARK
47.523,10.036,3,'BM','BAVARIAN MOLASSE BASIN'
47.825, 9.067,2,'  ', AUSTRIA - GERMANY BORDER REGION
47.915, 9.067,2,'  ',
48.020, 9.630,2,'  ',
48.386,10.243,2,'  ',
48.797,11.635,2,'  ',
49.027,12.162,2,'  ',
48.466,13.892,2,'  ',
48.056,15.036,2,'  ',
47.981,13.152,2,'  ',
47.801,12.337,2,'  ',
47.619,10.330,2,'  ',
47.523,10.036,2,'**', **BAVARIAN MOLASSE BASIN
52.189, 7.029,3,'CB','CENTRAL NETHERLANDS BASIN'
51.843, 7.088,2,'  ', GERMANY - THE NETHERLANDS BORDER REGION
51.920, 6.735,2,'  ',
51.955, 6.559,2,'  ',
51.988, 5.550,2,'  ',
52.670, 4.250,2,'  ',
53.030, 4.530,2,'  ',
52.613, 6.441,2,'  ',
52.451, 6.794,2,'  ',
52.346, 6.794,2,'  ',
52.189, 7.029,2,'**', **CENTRAL NETHERLANDS BASIN
51.830,11.870,3,'CS','CENTRAL SAXONY'
51.860,12.440,2,'  ', CZECH REPUBLIC - GERMANY - POLAND BORDER REGION
51.720,13.460,2,'  ',
51.070,14.540,2,'  ',
51.050,14.940,2,'  ',
50.770,15.000,2,'  ',
50.760,13.930,2,'  ',
50.390,13.000,2,'  ',
50.290,12.590,2,'  ',
51.050,12.510,2,'  ',
51.050,12.000,2,'  ',
51.390,11.700,2,'  ',
51.830,11.870,2,'**', **CENTRAL SAXONY
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........................................ ...END REGIONS OF GERMANY
........................................ .BEGIN REGIONS OF AUSTRIA
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Authors of national regionalisation

Austria: Wolfgang Lenhard / Vienna

Czech Republic, Poland and Slovakia: Barbara Guterch, Warsaw/Poland, Peter Labak, Bratislavia/Slovakia and Vladimir Schenk, Zdenka Schenkova & Pavel Kottnauer, Prague/Czech Republic

Denmark: Sören Gregersen / Copenhagen

~~E.Wolf, C. Lindholm, J. Schweitzer and H.Bungum / NORSAR/Norway, K Atakan / Bergen/Norway, S. Gregersen / Copenhagen / Denmark, K. Arthe & J. Malaska / Helsinki / Finland: Seismogeographical Regionalisation of Scandinavia (manuscript)~~

C.D. Lindholm, J. Schweitzer, E. Wolf, H. Bungum, K. Atakan, S. Gregeresen, K. Ahre & J. Malaska (2000): Third level seismo-geographical regionalization of Fennoscandia. -- NORSAR Scientific Report, 2–1999/2000, 113–118.

Germany: Günter Leydecker, BGR / Hannover & Helmuth Aichele, SZGRF / Erlangen

Leydecker, G. & H. Aichele (1998): The Seismogeographical Regionalisation for Germany: The Prime Example for Third-Level Regionalisation. --Geol. Jahrbuch, Reihe E, 55, 85-98, 6 figs., 1 tab., Hannover.

Switzerland: Manfred Baer, ETH / Zuerich

The Netherlands: Theo de Crook, KNMI / De Bilt