

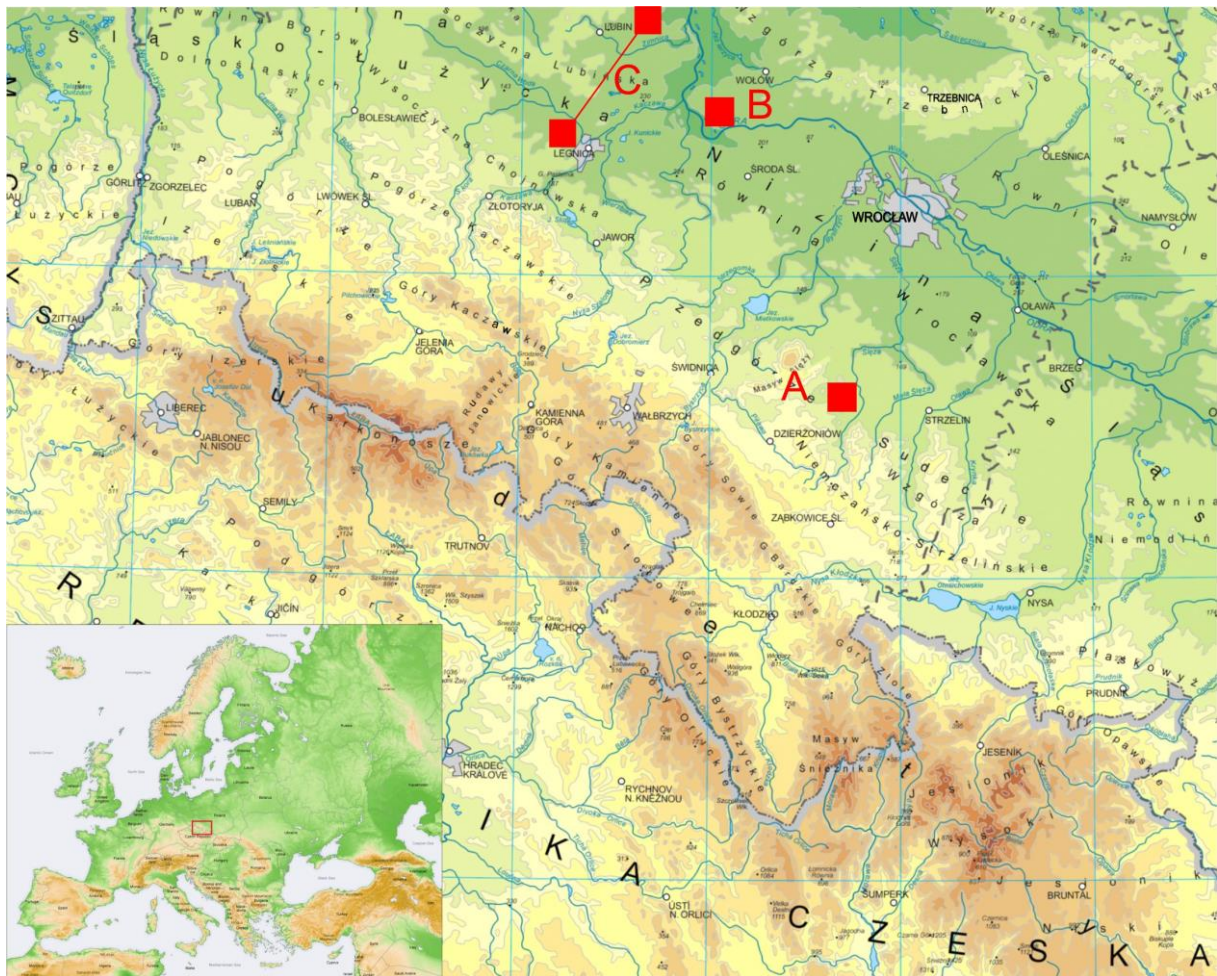
29. CONGRESS OF THE POLISH SOIL SCIENCE SOCIETY (PTG), WROCLAW 2015

ONE-DAY MID-CONFERENCE FIELD SESSIONS, 02/09/2015

Excursion „A”: Black earths of the Silesian Lowland

Excursion „B”: Transformation of alluvial soils and forest habitats in the Odra valley

Excursion C”: Degradation and protection of soils influenced by copper mining and smelting in the Legnica-Głogów industrial area



EXCURSION „B”: TRANSFORMATION OF ALLUVIAL SOILS AND FOREST HABITATS IN THE ODRA VALLEY

The main topic of the field session is to present and discuss changes in the morphology and properties of the alluvial soils in the valley of the Oder river running as a result of the regulation of the river bed and valley, resulting in the decrease of the groundwater table and reducing the flooding frequency. Changes in the soil environment will be discussed in the context of the transformation of plant communities, which has practical implication in the typology of the forest habitats and for the forest management. The sequence of three soil pits and forest stands located at different distances from the river bed is placed near Lubiąż (NW of Wrocław), in the Wołów forest district.

Afternoon attraction of the excursion is a visit to the monumental Cistercian abbey in Lubiąż, one of the biggest complexes of Baroque religious buildings in Europe. The monastery was detained in Lubiąż in the twelfth century, but the existing buildings were constructed in the seventeenth /eighteenth century. In 1810 the monastery was secularized and the hospital for the mentally ill people was situated in the historical buildings. After the devastation that occurred in 1945, the monastery has been permanently under restoration.

