

Course: Melioration

Lectures: aims and tasks of melioration of agricultural and urbanized areas. Factors influencing air-water relations in soil. Causes, symptoms and effects of excessive moisture. Ways of regulating water conditions. Drainage by means of ditches, drainage by means of drainage pipelines. Elements of the drainage network, materials, standards and guidelines, technical parameters of the drainage network, security, structures on the drainage network. Water movement in soil and in river beds. Agromelioration and phytomelioration. Plant irrigation. Drainage of agricultural, urban, industrial and communication areas.

Project: design the regulation of air-water balance (soil drainage) in soils of selected area.

Responsible person: Jakub Kostecki, PhD Eng.

More info:

<https://webapps.uz.zgora.pl/syl/index.php?/course/showCourseDetails/1222322>