

## **Abstrakt**

Water treatment sludge disposal has been an important issue for decades. The actual system of sludge treatment is still not satisfying. The whole area is mainly focused on sludge volume reduction - dewatering. Sludge dewatering efficiency is based on many factors. Most important are the quality of raw water, technology of water treatment and sludge storage system. Two laboratory methods are used for measuring sludge dewatering ratio - capillary suction time (CST) and specific resistance to filtration (SRF). As a dewatering method filtration is mostly used, but centrifugation and clarification are also popular. The latest trend in sludge dewatering is usage of polymers, which improves and supports the dewatering of sludge. Dewatered and thickened sludge can be used as a secondary material or disposed at dumps.