

FUTURE WATER NEEDS IN PUBLIC WATER SUPPLY SECTOR

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In this article results of analysis of future water withdrawals from water resources for public water supply systems are summarized. Time horizon for analysis is period 2030–2050. Analysis works with 4 possible scenarios of future which are based on scenarios developed in “Water Scenarios for Europe and for Neighbouring States” project. First part of the article describes current state in the Czech Republic and existing demographic prognosis. This information was used for developing of coefficients for quantification of future water demand. Variation of coefficients and existing demographic prognosis were used for simulations of future water withdrawals. Results of simulations show that two scenarios assume stagnation of water withdrawals at approximately current level and two scenarios assume the continuation of the trend of decreasing water withdrawals.