

**Denczew, S. Assessing the State-of-the-art and Major Trends in Recent Research on Water Supply for Fire Fighting. *Ochrona Srodowiska* 2009, Vol. 31, No. 3, pp. 61–63.**

**Abstract:** The paper addresses some technological and technical issues dealt with in water supply for fire fighting, with emphasis on relevant legal acts. Two large cities in Poland were analyzed for water demand for fire fighting in buildings earmarked for different purposes, particular consideration being given to dwelling houses. The results of examining the water demand for fire suppression in dwelling houses served as a basis for further analyzing the structure of the water demand for fire fighting in general. The need was emphasized not only for extending the studies on the issues mentioned, but also for attempting to compromise on water supply for human consumption and that for fire suppression. This will help, on the one hand, to upgrade the quality of the water supplied, and on the other hand, to reduce the cost of designing, constructing and operating the water supply systems in urban areas.

**Keywords:** Water supply system, fire safety, water demand, fire fighting.