

25 YEARS OF SYSTEMATIC GROUNDWATER QUALITY MONITORING IN THE CZECH REPUBLIC

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Many professionals deal with water quality monitoring in the Czech Republic with various goals and various quality of gathered information. The Czech Hydrometeorological Institute (CHMI) has built and developed a unified long-term monitoring system providing comparable high quality data at a national scale. The CHMI monitoring started in late 50s of the last century, systematic monitoring has been carried out since the 90s of the last century. The data quality has improved significantly due to investments into monitoring network, development of analytical techniques and stricter QA/QC requirements during the last 25 years. This article summarizes a historical development of groundwater quality monitoring and its contribution to enhanced knowledge of groundwater quality in the Czech Republic.