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ASSURING HIGH QUALITY ENVIRONMENTAL DATA

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ABSTRACT

Reliable data are essential for environmental management and legislation. Danish surface water monitoring data are going through a systematic process of quality assurance in order to establish a well-documented set of data. The quality assurance facility is an integrated part of the surface water database (ODA), developed and managed by the Danish Centre for Environment and Energy (DCE) and Department of Bioscience at Aarhus University. The quality assurance encompasses automatized control for data integrity, missing data and information, outliers and suspicious values, and offers a range of graphical and tabular tools to validate data. The Danish Nature Agency (NST) and DCE's data topic centres collaborate to ensure valid and robust data, which are in turn the scientific basis for NST's environmental management and applied research and advisory at AU. The data are disseminated to the public through The Danish Natural Environment Portal (www.miljoportal.dk).



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