

Short communication regarding a plan of management options to secure good ecological status of water resources – an essential basis to develop River Basin Management Plans

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River Basin Management

The federal State of Saxony-Anhalt, ministry of agriculture and environment, established in December 2004 an advisory board to implement the WFD (membership: all representative stakeholders, incl. administration and scientific organisations).

Development of a catalog with management options to secure conditions for good ecological status resp. ecological potential (for artificial water courses); it focused to the following topics:

- Type of water resource (river, lake, groundwater, the present status of this types is characterised with chemical, biological and morphological parameters)
- In Saxony-Anhalt the most important topics which influence good ecological status are:
 1. Point sources
 2. Non-point (diffuse) sources
 3. Water balance
 4. Morphological conditions
 5. Transit of water courses (Durchgängigkeit)

Furthermore, for practical use the catalog was divided into management categories as

- management options to reduce pollution with nutrients and other chemicals
- management options inside and outside of the water course