







Decision support system for operational management in a regional water system

N. Douben, R. Loeve & M. Wind-Cox

Klaas-jan Douben

Water Authority Brabantse Delta Research & Knowledge Department



Decision support system for operational management in a regional water system

Main adaptation concept for water shortages = shift in mindset for operational water management

"mindset" {noun}

a set of beliefs or a way of thinking that determines one's behavior, outlook and mental attitude.



Decision support system for operational management in a regional water system

Main adaptation elements for daily water management (water shortage and excess)
Water Authority Brabantse Delta:

- <u>Institutional</u>; e.g. in the future, operational water management needs to become more anticipating on (extreme) events like water shortage to diminish potential damages;
- *Physical*; e.g. implementation of measures like additional water buffers and conservation of (ground)water;
- *Instrumental*; e.g. a Decision Support System (DSS), hence DSS itself is an adaptive measure.

