

Background

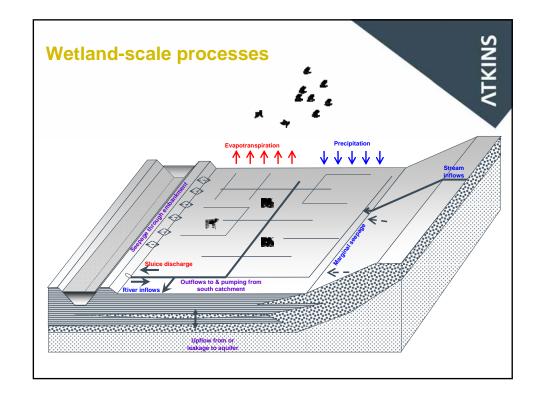
- Approach based on existing methods and research
 Armstrong (1993)

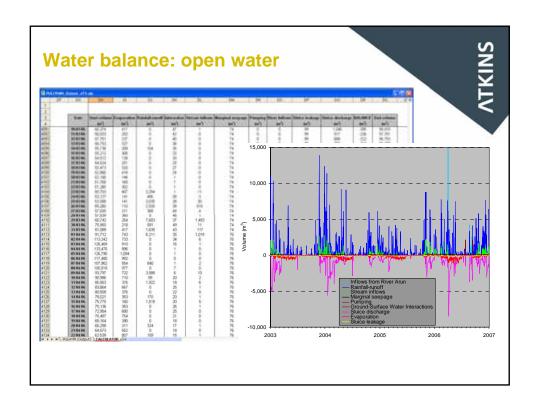
 - Gowing and Spoor (1998)
 - Gasca & Acreman (1999)
 - EA/NE Hydro-ecological guidelines (2004), etc
- Aim: to integrate these into a practical and adaptable tool
 - Habitats Directive assessments
 - WLMPs
 - Habitat Creation
- Illustrated by: Arun Valley SPA Sustainability Study

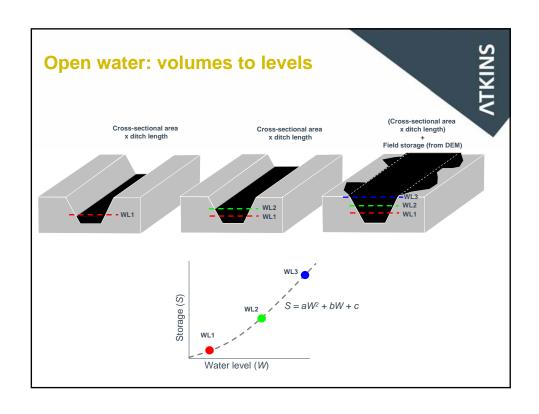


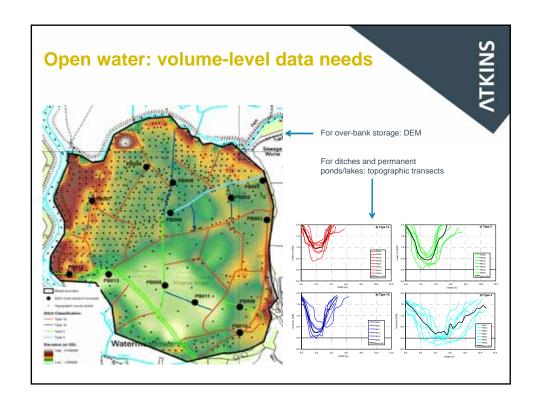


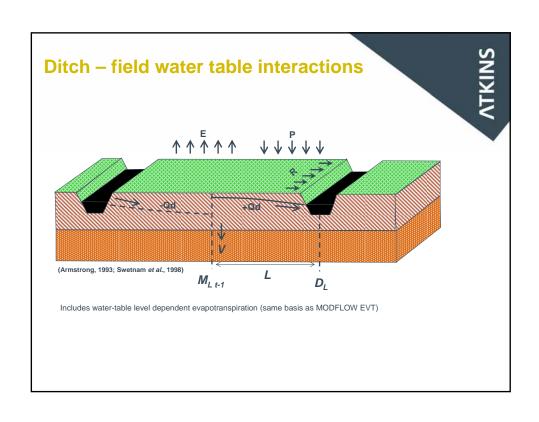


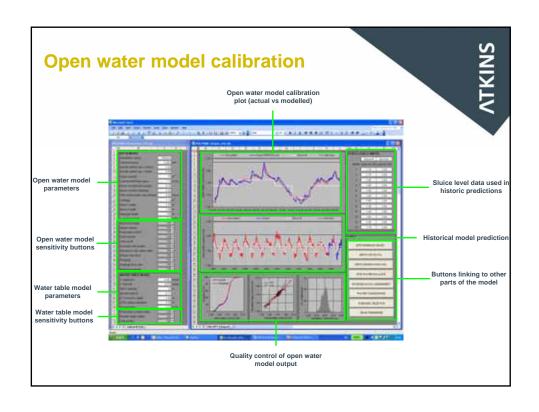


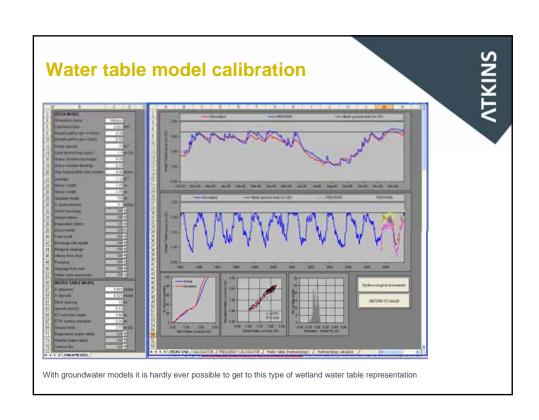




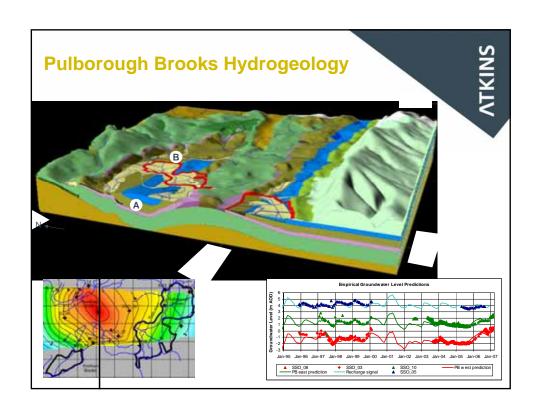


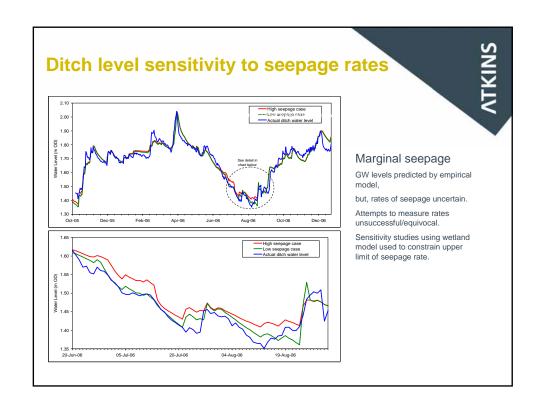


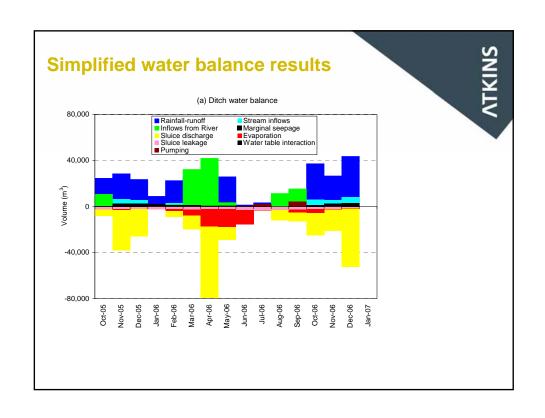


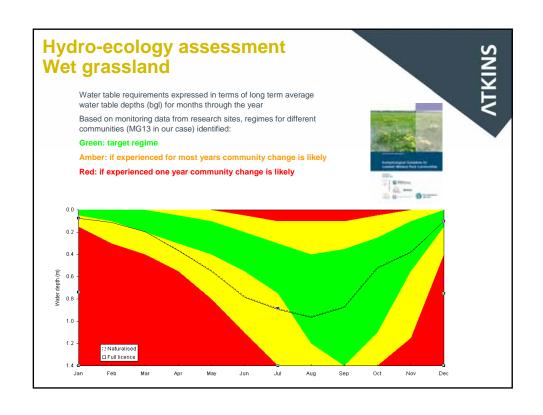


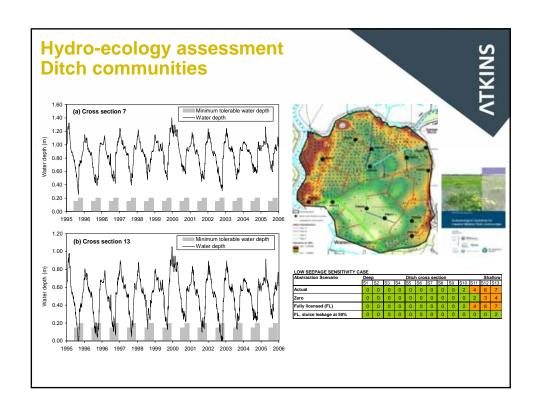
e.g. Arun Valley SPA, Pulborough Brooks SSSI











Summary

NTKINS

- Focus on wetland scale processes
- Understanding gained from12-18 months monitoring data can be hindcast over longer periods
- Ecological requirements can be specified and compliance assessed
- Use wetland water balances to bridge the gap from hydrogeological impacts to ecological effects!

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