For the exam of the 2017-18 course on Hydrology of Catchments River basins and Deltas, the following has to be studied:

1. The lecture note CT 5450, the recorded lectures with powerpoint sheets, and the assignments of the first two afternoons

2. The articles:

Gao, H., M. Hrachowitz, S.J. Schymanski, F. Fenicia, N. Sriwongsitanon, H.H.G. Savenije, 2014. Climate controls how ecosystems size the root zone storage capacity at catchment scale, *Geophysical Research Letters*, 41, 7916-7923, doi: 10.1002/2014GL061668

Savenije, H. H. G. and Hrachowitz, M.: Opinion paper: How to make our models more physically-based, Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2016-433, in review, 2016.

Savenije, H.H.G. and Pagès, J., 1992. Hypersalinity, a dramatic change in the hydrology of Sahelian estuaries, *Journal of Hydrology*, 135:157-174.

3. The chapters 1, 2 and 3 of the book Salinity and Tides in Alluvial Estuaries, **with the exception of: 2.4, 2.5, 3.3, 3.4 and 3.5**

Savenije, H.H.G., 2012. Salinity and Tides in Alluvial Estuaries. Downloadable from www.salinityandtides.com