

## Literature list

### GE7025 Local to Global Water Vulnerability and Resilience, 15 credits

Decided by the vice Head Director of Studies 2020-05-06, after consultancy with the department's educational advisory group.

Valid from Autumn Term 2020.

Allen R. G., Pereira L. S., Raes D., and M. Smith (1998). Crop evapotranspiration - Guidelines for computing crop water requirements - FAO Irrigation and drainage paper 56.

Falkenmark, M. & Rockström, J. 2010: Building Water Resilience in the Face of Global Change: From a Blue-Only to a Green-Blue Water Approach to Land-Water Management. *Journal of Water Resources Planning and Management*, 136: 606-610.

Gough, C. M. 2011: Terrestrial Primary Production: Fuel for Life. *Nature Education Knowledge*, 3:28.

Hoekstra A.Y. (2008). The water footprint of food ([www.waterfootprint.org/Reports/Hoekstra-2008-WaterfootprintFood.pdf](http://www.waterfootprint.org/Reports/Hoekstra-2008-WaterfootprintFood.pdf)).

Hoekstra A.Y. and M.M. Mekonnen (2011). The water footprint of humanity, *Proceedings of the National Academy of Sciences* 109(9), 3232–3237.

Jaramillo, F., and G. Destouni. 2014: Developing water change spectra and distinguishing change drivers worldwide. *Geophysical Research Letters*, GL061848.

Lohse, et al. 2009: Interactions between Biogeochemistry and Hydrologic Systems. *Annual Review of Environment and Resources*, 34: 65–96.

McElrone, A. J., Choat, B., Gambetta, G. A. & Brodersen, C. R. 2013: Water Uptake and Transport in Vascular Plants. *Nature Education Knowledge*, 4:6.

Oki, T. & Kane, S. 2006: Global Hydrological Cycles and World Water Resources. *Science*, 313: 1068-1072.

Sabo et al. 2010: Reclaiming freshwater sustainability in the Cadillac Desert, *Proceedings of the National Academy of Sciences*, 107: 21263-21270

Seibert S., Burke J., Faures J. M., Frenken K., Hoogeveen J., Döll P., and F. T. Portmann (2010). Groundwater use for irrigation – a global inventory. *Hydrol. Earth Syst. Sci.*, 14, 1863–1880.

van der Zaag, P. 2003: *Basics of Water Resources Course book. Course A*, UNESCO. (94 p.)

Articles and other materials made available in connection with teaching are also included as course literature.

## Department of Physical Geography