Importance of water level management for peatland outflow water quality in the face of climate change and drought

Journal: Environmental Science and Pollution Research

Shokoufeh Salimi [1], Miklas Scholz [1, 2, 3, 4]
[1] Division of Water Resources Engineering, Faculty of Engineering, Lund University, P.O. Box 118, 221 00 Lund, Sweden
[2] Institute of Environmental Engineering, Wroclaw University of Environmental and Life Sciences, ul. Norwida 25, 50-375 Wrocław, Poland.
[3] Department of Civil Engineering Science, School of Civil Engineering and the Built Environment, University of Johannesburg, Kingsway Campus, PO Box 524, Aukland Park 2006, Johannesburg, South Africa
[4] Department of Town Planning, Engineering Networks and Systems, South Ural State University (National Research University), 76, Lenin prospekt, Chelyabinsk 454080, The Russian Federation

Correspondence before potential paper acceptance:
E-mail address: miklas.scholz@tvrl.lth.se (Miklas Scholz).
Correspondence after potential paper acceptance:
E-mail addresses: shokoufeh.salimi@tvrl.lth.se (Shokoufeh Salimi).

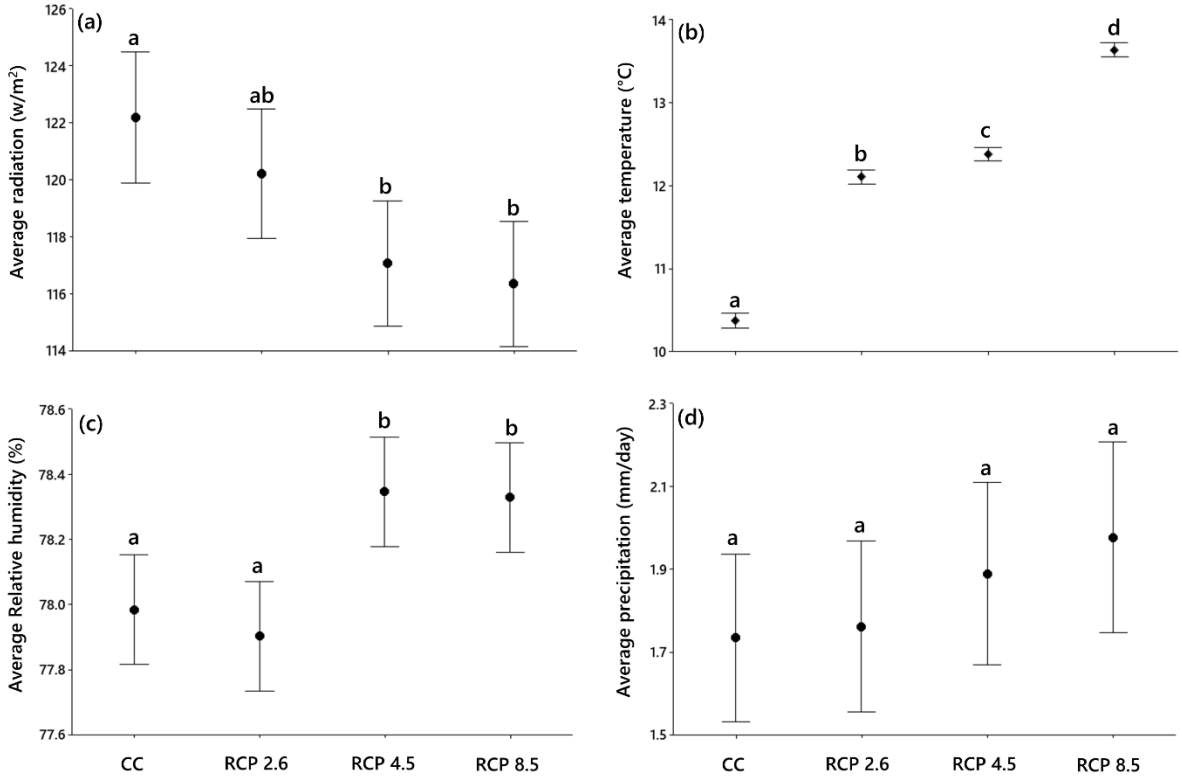

Figure S1. Simulated climate variable means for 2017–2019: (a) radiation; (b) temperature; (c) relative humidity; and (d) precipitation for different climate scenarios (current climate (CC) and the representative concentration pathways (RCP) 2.6, RCP 4.5 and RCP 8.5). Means that do not share a superscripted letter are significantly different at α=0.05 (Tukey's significance test).