

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

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Table S1. List of the regional climate models (RCM), which have been used for the simulation of future scenarios for RCP 2.6, 4.5 and 8.5.

Model	Full name of the RCM model	RCP	Reference
CCCma-CanESM2	Canadian Centre for Climate Modelling and Analysis- Canadian earth system model	4.5 and 8.5	Arora et al. (2011)
CNRM-CERFACS- CNRM-CM5	Centre National de Recherches Météorologiques, France – Centre Europe´en De Recherche et de Formation Avanc´e-Component Model 5	4.5 and 8.5	Voldoire et al. (2013)
CSIRO-QCCCE-CSIRO-Mk3-6-0	Commonwealth Scientific and Industrial Research Organisation, Mark 3.6.0	4.5 and 8.5	Jeffrey et al. (2013)
ICHEC-EC-EARTH	Irish Centre for High-end Computing k – European Community- Earth-system Model	2.6, 4.5 and 8.5	Hazeleger et al. (2012)
IPSL-IPSL-CM5A-MR	Institut Pierre Simon Laplace Climate Model 5A-Medium Resolution	4.5 and 8.5	Hourdin et al. (2013))
MIROC-MIROC5	Model for Interdisciplinary Research on Climate-	2.6, 4.5 and 8.5	Watanabe et al. (2010)
MOHC-HadGEM2-ES	Met Office Hadley Centre-Hadley Centre Global Environment Model version 2	2.6, 4.5 and 8.5	Collins et al. (2011)
MPI-M-MPI-ESM-LR	Max Planck Institute for Meteorology – Earth System Model – low resolution	2.6, 4.5 and 8.5	Giorgetta et al. (2013)
NCC-NorESM1-M	Norwegian Climate Centre – Norwegian Earth System Model, Intermediate Resolution	2.6, 4.5 and 8.5	Bentsen et al. (2013)
NOAA-GFDL-GFDL-ESM2M	National Oceanic Atmospheric Administration – Geophysical Fluid Dynamics Laboratory – Earth System Model	4.5 and 8.5	Dunne et al., 2012

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