Model/method	Short description	Reference	Spatial scale
FUNCEME seasonal forecast system	A 20-member ECHAM4.6 ensemble. Atmospheric circulation model, initial SSTs persisting for 6 months. Initial conditions of the atmosphere modeled by an AMIP-type run (starting in 1961). AMIP run is forced by monthly observed SSTs (NOAA Optimum Interpolation SST V2).	Roeckner et al. (1992)	approx. 2.8° longitude/latitude
ECMWF seasonal forecast system	A multi-model 15-member ensemble including ocean circulation. Initial conditions coming from ERA-Interim	e.g., Stockdale et al. (1998)	approx. 0.7° latitude/longitude
expanded downscaling	Simulates local events consistent with prevailing atmospheric	Bürger (1996)	network of monitoring
	circulation while preserving local covariability	- 3-8 (->> 0)	stations
empirical quantile	Improves systematic biases throughout the statistical	e.g., Wetterhall et al. (2012)	network of monitoring
mapping	distribution by mapping the empirical cumulative		stations
.1	distributions of the observed and modeled variables	M 1: (1/2016)	1 6 4
weather pattern	Including pre-selection of variables,	e.g., Murawski et al. (2016),	network of monitoring
classification	variable combinations and spatial domain	Philipp et al. (2007)	stations