

SpreeWasser:N

Climate projections for Brandenburg show an increase in drought, while for winter months an increase in precipitation is projected. From 2035, a greatly increased probability of the drying-up of the River Spree near the Berlin/Brandenburg border during hot and dry summer periods is predicted. Current methods for dealing with differential seasonal deficits are concentrated on short-term measures. The aim of **SpreeWasser:N** is to develop a broad and interdisciplinary water-management strategy for Berlin/Brandenburg in cooperation with water users (e.g. agriculture, industry, water suppliers, environmental protection, etc.) and decision-makers. This strategy will inform and guide future water-management in the Berlin and Brandenburg region. The focus region for **SpreeWasser:N** is the Lower Spree.

Key aims include, though are not limited to: (1) improved prediction on different time horizons of weather patterns likely to cause hydrological extremes; (2) development of an early-warning system for drought; (3) high-resolution dynamical downscaling to better understand hydrological extremes and to serve as input for hydrological models; and much more.