



Figure 4.12 A time-dependent Business As Usual climate change scenario for winter mean temperature and winter total precipitation on the Alps' north (Bern) and south (Lugano). The scenario was derived by semiempirical downscaling (Gyalistras et al. 1994) from a transient climate change simulation with the ECHAM1-T21/LSG-GCM (Cubasch et al. 1992) and refers to the 1901-80 baseline. Year-to-year variations relative to the linear trend lines were rescaled to have the same standard deviation as the 1901-80 observations.