Long-Term Effects (Cumulative)  $\mathbf{CO}_2$  Emissions Medium/Short-Term Effects  $NO_x$  (Water) NO<sub>x</sub> (Methane)  $NO_x$  (Ozone) Net  $NO_x$ Grewe et al. (2019) Short-Term Effects Soot-Radiation Sulfur-Radiation Water Vapor Sulfur -Water Vapor -250-200-150-100-5050 **─** label1