

## 1.070 Trends of visibility in three regions of eastern China.

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Abstract:

Trends of visibility in three major polluted regions of eastern China, namely Beijing-Tianjin-Hebei (BTH), Yangtze River Delta (YRD) and Pearl River Delta (PRD), are analyzed for winter and spring seasons during the period 1973-2017. Downward trends attributable to increases of haze are observed in all three regions. However, the values of trends reveal substantial regional and temporal differences. In addition, significant differences exist between the trends of visibility and those of emissions of air pollutants. Climate and meteorological conditions can be shown to be the primary driving force in determining the inter-annual variability as well as the trends of visibility in the three major polluted regions of eastern China.