

Supplementary Material

Source-Receptor Relationships between East Asian Sulfur Dioxide

Emissions and Northern Hemisphere Sulfate Concentrations

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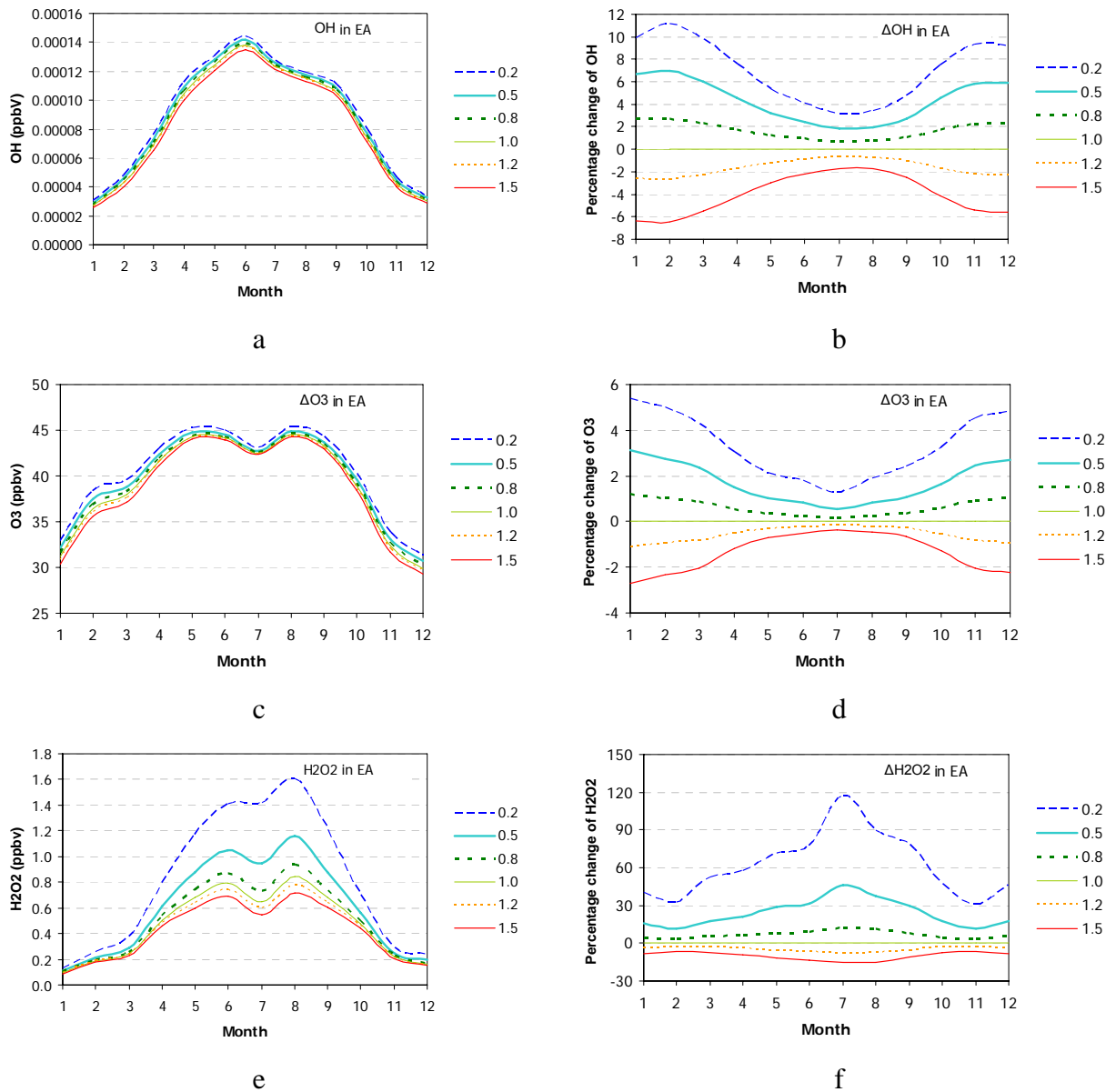


Figure A1 Monthly mean (a, c, e) and percentage change (relative to base simulation; b, d, f) of OH (a, b), O₃ (c, d), and H₂O₂ (e, f) concentrations (weighted by population) over the EA source as a result of changing EA SO₂ emissions by -80%, -50%, -20%, 0%, 20% and 50%.

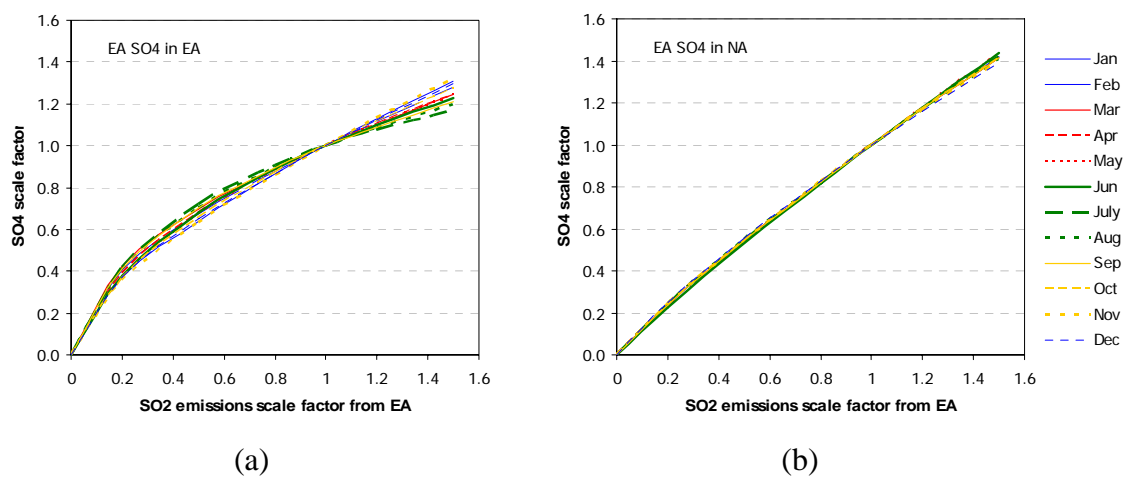


Figure A2 Monthly mean tagged EA sulfate concentrations (scaled to the base simulation) versus EA anthropogenic sulfur emissions (scaled to the baseline emissions) in different sensitivity runs over (a) East Asia and (b) North America from January to December (indicated by different colors).