



## Abstract Details

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**Title:** (OA16) Tropospheric Ozone Evolution in the Northern Hemisphere and over Asia - Pacific

**Abstract:** A survey of observational and modeled results of tropospheric composition studies in the indicated regions will be presented. Special attention will be paid on the current state and evolution of climatically important gas and aerosol emissions in the East and South-East Asia and western Pacific and to their subsequent transport and photochemical evolution related to tropospheric ozone. This attention is due to last decades intense economic development of the region and to production of significant amounts of reactive gases (CO, VOCs, NO<sub>y</sub> and SO<sub>2</sub>) by the recent massive forest fires in Siberia and Far East complement to ones in Australia and in other countries of the area. The contribution of these sources to the pollution of the global atmosphere from the industrial Europe and North America and from the biomass burning in Africa and Central America will be estimated and discussed.

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