

ACAP Publication List on Long-range Transport and Modeling

Publication Type:

■ Peer-reviewed Articles

■ Proceedings

■ Peer-reviewed Articles

Title	Transboundary transport of anthropogenic sulfur in PM_{2.5} at a coastal site in the Sea of Japan as studied by sulfur isotopic ratio measurement
Authors	Y. Inomata, T. Ohizumi, N. Take, K. Sato, and M. Nishikawa
In	Science of Total Environment, 553, pp. 617-625 (2016)
Title	Source region attribution of PM_{2.5} mass concentrations over Japan
Authors	Ikeda, K., Yamaji, K., Kanaya, Y., Taketani, F., Pan, X., Komazaki, Y., Kurokawa, J., and Ohara, T.
In	Geochemical Journal 49, pp. 185-194 (2015)
Title	SLCP co-control approach in East Asia: Tropospheric ozone reduction strategy by simultaneous reduction of NO_x/NMVOC and methane
Authors	Akimoto, H., Kurokawa, J., Sudo, K., Nagashima, T., Takemura, T., Klimont, Z., Amann, M., and Suzuki, K.
In	Atmospheric Environment 122, pp. 585-595 (2015)
Title	Regional modeling of tropospheric NO₂ vertical column density over East Asia during the period 2000–2010: comparison with multisatellite observations
Authors	Itahashi, S., Uno, I., Irie, H., Kurokawa, J., and Ohara, T.
In	Atmospheric Chemistry and Physics 14, pp. 3623-3635 (2014)
Title	Local emission of primary air pollutants and its contribution to wet deposition and concentration of aerosols and gases in ambient air in Japan
Authors	Aikawa M., Hiraki T., Tomoyose N., Ohizumi T., Noguchi I., Murano K., and Mukai H.
In	Atmospheric Environment, 79, pp. 317-323 (2013)
Title	Source contribution analysis of surface particulate polycyclic aromatic hydrocarbon concentrations in northeastern Asia by source–receptor relationships
Authors	Inomata Y., Kajino M., Sato K., Ohara T., Kurokawa J., Ueda H., Tang N., Hayakawa K., Ohizumi T., and Akimoto H.
In	Environmental Pollution, 182, pp. 324-334, doi: 10.1016/j.envpol.2013.07.020 (2013)
Title	Influence of model grid resolution on NO₂ vertical column densities over East Asia
Authors	Yamaji, K., Ikeda, K., Irie, H., Kurokawa, J., and Ohara, T.
In	Journal of the Air & Waste Management Association, 64, pp. 436-444 (2013)

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Title	Sensitivity analysis of source regions to PM_{2.5} concentration at Fukue Island, Japan
Authors	Ikeda, K., Yamaji, K., Kanaya, Y., Taketani, F., Pan, X., Komazaki, Y., Kurokawa, J., and Ohara, T.
In	Journal of the Air & Waste Management Association, 64, pp. 445-452 (2013)
Title	Emissions and atmospheric transport of particulate PAHs in Northeast Asia
Authors	Inomata, Y., Kajino, M., Sato, K., Ohara, T., Kurokawa, J., Ueda, H., Tang, N., and Hayakawa, K.
In	Environmental Science & Technology, 46, pp. 4941-4949 (2012)
Title	Modeling wet deposition and concentration of inorganics over Northeast Asia with MRI-PM/c
Authors	Kajino, M., Deushi, M., Maki, T., Oshima, N., Inomata, Y., Sato, K., Ohizumi, T., and Ueda H.
In	Geoscientific Model Development, 5, pp. 1363-1375 (2012)
Title	Development of the RAQM2 aerosol chemical transport model and predictions of the Northeast Asian aerosol mass, size, chemistry, and mixing type
Authors	Kajino, M., Inomata, Y., Sato, K., Ueda, H., Han, Z., An, J., Katata, G., Deushi, M., Maki, T., Oshima, N., Kurokawa, J., Ohara, T., Takami, A., and Hatakeyama, S.
In	Atmospheric Chemistry and Physics, 12, pp. 11833-11856, doi: 10.5194/acp-12-11833-2012 (2012)
Title	Sulfur deposition simulations over China, Japan, and Korea: a model intercomparison study for abating sulfur emission
Authors	Kim, C. H., Chang, L. S., Meng, F., Kajino, M., Ueda, H., Zhang, Y., Son, H. Y., Lee, J. J., He, Y., Xu, J., Sato, K., Sakurai, T., Han, Z., Duan, L., Kim, J. S., Lee, S. J., Song, C. K., Ban, S. J., Shim, S. G., Woo, Y. S., and Lee, T. Y.
In	Environmental Science and Pollution Research, 19, pp. 4073-4089, doi: 10.1007/s11356-012-1071-1 (2012)
Title	Emission and transport of particulate PAHs in Northeast Asia
Authors	Inomata, Y., Kajino, M., Sato, K., Ohara, T., Kurokawa, J., Ueda, H., Tang, N., Hayakawa, K., Ohizumi, T., and Akimoto, H.
In	Environmental Science and Technology, 46, pp. 4941-4949, doi: 10.1021/es300391w (2012)
Title	Long-term Simulations of the Sulfur Concentrations over the China, Japan and Korea: A Model Comparison Study
Authors	Kim, C. H., Chang, L. S., Kim, J. S., Meng, F., Kajino, M., Ueda, H., Zhang, Y. H., Son, H. Y., He, Y. J., Xu, J., Sato, K., Song, C. K., Ban, S. J., Sakurai, T., Han, Z. W., Duan, L., Lee, S. J., Shim, S. G., Young, S. W., and Lee, T. Y.
In	Asia-Pacific Journal of Atmospheric Sciences, 11, pp. 399-411, doi: 10.1007/s13143-011-0025-8 (2011)
Title	Contributions of regional and intercontinental transport to surface ozone in the Tokyo area
Authors	Yoshitomi, M., O. Wild, and H. Akimoto
In	Atmos. Chem. Phys., 11, pp. 7583-7599 (2011)

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Title	Enhanced NO₂ at Okinawa island, Japan caused by rapid air-mass transport from China as observed by MAX-DOAS
Authors	Takashima, H., H. Irie, Y. Kanaya, and H. Akimoto
In	Atmos. Environ., 45, pp. 2593-2597 (2011)
Title	Temporal Variation of ²²²Rn at the Summit of Mt. Fuji Associated with the Asian Continental Outflow
Authors	Inomata, Y., Igarashi, Y., Yoshioka, K., Tanaka, Y. T., and Chiba, M.
In	Atmospheric Environment, 44, pp. 3856-3865 (2010)

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■ Proceedings

Title	Emission, transboundary transport, and deposition of particulate PAHs in Northeast Asia
Authors	Inomata, Y., Kajino, M., Sato, K., Kurokawa, J., Ohara, T., Tang, N., Hayakawa, K., and Ueda, H.
In	Proceedings of 9th International Conference on Acid Deposition, 2015, Rochester, USA, P46 (2015)
Title	Source contribution of surface particulate polycyclic aromatic hydrocarbon concentrations in Northeast Asia by source–receptor relationships
Authors	Inomata, Y., Kajino, M., Sato, K., Ohara, T., Kurokawa, J., Ueda, H., Tang, N., Hayakawa, K., Ohizumi, T., and Akimoto, H.
In	Proceedings of 12th International Conference on Atmospheric Sciences and Applications to Air Quality, 2013, Seoul, Republic of Korea, SP14-9 (2013)
Title	Transport and deposition of PAHs in East Asia using Regional Emission Inventory in ASia and Regional Air Quality Model for POP version
Authors	Inomata, Y., Kajino, M., Sato, K., Ohara, T., Kurokawa, J., Ueda, H., Tang, N., Hayakawa, K., Ohizumi, T., and Akimoto, H.
In	Proceedings of 2011 AGU Fall Meeting, 2011, San Francisco, USA, A21B-0055 (2011)
Title	Regional scale emission inventory of PAHs in Northeast Asia and its verification based on surface measurements and chemical transport modeling
Authors	Inomata, Y., Kajino, M., Sato, K., Ohara, T., Kurokawa, J., Ueda, H., Tang, N., Hayakawa, K., Ohizumi, T., and Akimoto, H.
In	Proceedings of 3rd International Workshop on Atmospheric Modeling Research in East Asia, 2011, Chengdu, China, p.11 (2011)
Title	Trend analysis of ozone and PM at EANET sites
Authors	Sato, K., Ohizumi, T., Akimoto, H., and Ohta Y.
In	Proceedings of 3rd International Workshop on Atmospheric Modeling Research in East Asia, 2011, Chengdu, China, p.5 (2011)
Title	Joint study on long-range transboundary air pollutants in Northeast Asia: Intensive and long-term monitoring results at Japanese sites
Authors	Sato, K., Ohizumi, T., Yagoh, H., and Koide, K.
In	Proceedings of 11th Japan-China-Korea International Joint Symposium, 2011, Nagasaki, Japan, pp.83-84 (2011)
Title	Emission, transport, and deposition of simulated polycyclic aromatic hydrocarbons in East Asia
Authors	Y. Inomata, M. Kajino, K. Sato, H. Ueda, N. Tang, K. Hayakawa, J. Kurokawa, T. Ohara, T. Ohizumi, and H. Akimoto
In	Proceedings of 8th International Conference on Acid Deposition, 2011, Beijing, China, P2-1 (2011)

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Title	Emission and transportation of polycyclic aromatic hydrocarbons and nitropolycyclic aromatic hydrocarbons in East Asia: comparison with observation and simulation
Authors	Inomata, Y., Sato, K., Kajino, M., Ueda, H., Hayakawa, K., Tang, N., Kurokawa, J., Ohara, T., and Akimoto, H.
In	Proceedings of the International Workshop on Atmospheric Modeling Research in East Asia, p. 18 (2010)
Title	Air quality monitoring and acid deposition survey networks in Japan
Authors	Sato, K., Nakayama, S., Nagai, T., Yagoh, H., and Akimoto, H.
In	Proceedings of the International Workshop on Atmospheric Modeling Research in East Asia, p. 1 (2010)
Title	Aerosol observation network in EANET
Authors	Sato, K.
In	Proceedings of the Workshop on the Implementation of the WMO SDS-WAS Asia Node, pp. 13-15 (2009)
Title	Modeling study on long-range transboundary air pollutants in Northeast Asia
Authors	Kajino, M., Sato, K., and Ueda, H.
In	Proceedings of the 12th Expert Group Meeting for Long-range Transboundary Air Pollutants in East Asia, pp. 114-139 (2009)
Title	Modeling study on long-range transboundary air pollutants in Northeast Asia
Authors	Kajino, M., Sato, K., and Ueda, H.
In	Proceedings of the 11th Expert Group Meeting for Long-range Transboundary Air Pollutants in East Asia. pp. 83-132 (2008)

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