Q-AOS Kyushu University Institute for Asian and Oceanian Studies

No.040

Brown Bag Seminar

ブラウンバッグセミナー

Online (Zoom)

Recorded data will be uploaded

Supported by Kyushu University,Q-AOS & TEMDEC

2022.3.2 (Wed.)

Scan here for Registration

JP↔EN Simultaneous Interpretation

12:10 ~ 12:50

12:10-12:15 ◆ Introduction
12:15-12:40 ◆ Seminar (Presentation)
12:40-12:50 ◆ Q&A

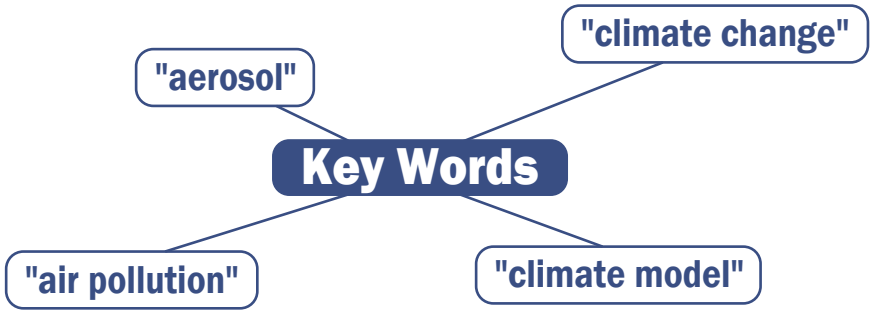
https://temdec-med-kyushu-u-ac-jp.zoom.us/webinar/register/WN_6RychyBLR8i6WEISKzVkmg

Climate change caused by PM2.5

Chair: Assoc. Prof. **Toshinori TANAKA** (Research Promotion Coordinator of Q-AOS)

13 気候変動に具体的な対策を

Suspended particle matters (aerosols) in the atmosphere not only cause air pollution but also cause climate change, and PM2.5 is a general term for the smallest particles among aerosols. I have developed a climate model that can simulate the spatio-temporal distribution of aerosols and climate change caused by aerosols. In this seminar, I will explain the mechanism of aerosol-induced climate change and introduce the results of my research to date.



Professor
Toshihiko Takemura, PhD

Kyushu University Research Institute for Applied Mechanics

Toshihiko Takemura completed the Graduate School of Science, the University of Tokyo in 2001 (Doctor of Science), and in the same year was appointed as a research assiciate at the Research Institute for Applied Mechanics, Kyushu University. After working as an associate professor, he became a professor at the same institute in 2014. He has developed a climate model to calculate climate change and air pollution caused by suspended particle matters (aerosols) in the atmosphere. He was a lead author of the Fifth Assessment Report of the UN Intergovernmental Panel on Climate Change (IPCC), and was selected as a Highly Cited Researcher for seven consecutive years. He operates the SPRINTARS forecasting system for PM2.5 and Asian dust and provides the daily information to the public, and received many awards, including the Japan Academy Medal in 2019.

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