

## Reviewed paper

- Tingwei Chang, Tomonori Kume, Motonori Okumura, Yoshiko Kosugi (2019) Characteristics of isoprene emission from moso bamboo leaves in a forest in central Taiwan. *Atmospheric Environment* 211, 288\_ 295
- Mikita OKAMURA, Tingwei CHANG, Tsugumi TAKANO, Hina YAMANUKI, Takumi SUZUKI, Ji LUO, Mizuki OKAMOTO, Tsukuru TAOKA, Maiko AKATSUKI, Zhiyan LIU, Takuto TAGUCHI, Ryuichi HIRATA (2020) Report of AsiaFlux2019 – 20th Anniversary Workshop – . *Climate in Biosphere* 20, 13\_ 21
- Linjie Jiao, Yoshiko Kosugi, Yuichi Sempuku, Ting-wei Chang (2021) Canopy conductance and gas exchange of a Japanese cypress forest after rainfall-induced wetness. *Ecological Research* 36(6), 947\_ 960
- Ting-Wei Chang, Yoshiko Kosugi, Motonori Okumura, Linjie Jiao, Siyu Chen, Dingkang Xu, Zhining Liu, Shozo Shibata, Ken-Hui Chang (2021) Isoprene emission characteristics of tall and dwarf bamboos. *Atmospheric Environment: X* 12, 100136
- Ting-Wei CHANG, Yoshiko KOSUGI, Tomonori KUME, Ayumi KATAYAMA, Motonori OKUMURA, Ken-Hui CHANG (2022) Dependence of isoprene emission flux on leaf mass per area of *Phyllostachys pubescens* (moso bamboo). *Journal of Agricultural Meteorology* 78(1), 1\_ 7
- Ting-Wei Chang, Hiroshi Okamoto, Akira Tani (2022) Rapid sampling protocol of isoprene emission rate of palm (Arecaceae) species using excised leaves. *Atmosphere* 13(5), 778

## Oral presentation

- Tingwei Chang, Motonori Okumura, Tomonori Kume, Yoshiko Kosugi, Temperature Dependence of Isoprene Emission Flux from Moso Bamboo. The 66th Annual Meeting of the Ecological Society of Japan (Kobe, Japan), March 2019.
- Tingwei Chang, Motonori Okumura, Tomonori Kume, Yoshiko Kosugi, Lingjie Jiao, Isoprene emission flux from bamboo leaves. International Symposium on Agricultural Meteorology 2019 (Shizuoka, Japan), March 2019.
- Linjie Jiao, Yuichi Sempuku, Tingwei Chang, Yoshiko Kosugi, Latent Heat and CO<sub>2</sub> flux during and after Precipitation over a Japanese Cypress Canopy. International Symposium on Agricultural Meteorology 2019 (Shizuoka, Japan), March 2019.
- Ting-wei Chang, Motonori Okumura, Ken-Hui Chang, Tomonori Kume, Linjie Jiao, Siyu Chen, Dingkang Xu, Zhining Liu, Yoshiko Kosugi, Comparison of Seasonal Response of Isoprene Emission from Understory Type Bamboo and Canopy Type Bamboo Species. European Geoscience Union General Assembly 2020 (Online), May 2020.
- Linjie Jiao, Yoshiko Kosugi, Yuichi Sempuku, Ayaka Sakabe, Ting-Wei Chang, Evapotranspiration and CO<sub>2</sub> exchange of wet and snow-loaded canopy in an evergreen temperate coniferous forest. European Geoscience Union General Assembly 2021 (Online), April 2021.
- Linjie Jiao, Yoshiko Kosugi, Yuichi Sempuku, Ting-wei Chang, How do leaf wetness and interception influence the gas exchange of Japanese cypress during wet and after wetness ended. The 69th Annual Meeting of the Ecological Society of Japan (Online), March 2022.
- Ting-Wei Chang, Hiroshi Okamoto, Akira Tani, Screening of isoprene emission from palm species with excised leaf. International Symposium on Agricultural Meteorology 2022 (Online), March 2022.

## Poster presentation

- Ting-Wei Chang, Tomonori Kume, Motonori Okumura, Jun Tsuruta, Preliminary examination of isoprene emission from moso bamboo leaf. Convention of Sustainable Forest Development (Chiayi, Taiwan), October 2015.
- Ting-Wei Chang, Tomonori Kume, Characteristics of Isoprene Emission in a Moso Bamboo Forest, Xitou, Central Taiwan. Convention of Sustainable Forest Development (Yilan, Taiwan), October 2017.
- Tingwei Chang, Motonori Okumura, Yoshiko Kosugi, Tomonori Kume, Isoprene Emission Flux from Moso Bamboo Leaves

- in Central Taiwan. The 3rd Asia Research Node Symposium on Humanosphere Science: Present and Future of Humanosphere Science (Taichung, Taiwan), September 2018.
- Linjie Jiao, Yuichi Sempuku, Tingwei Chang, Yoshiko Kosugi, Effects of Rainfall and Leaf Wetness on Canopy Conductance for a Japanese Cypress Forest. The 66th Annual Meeting of the Ecological Society of Japan (Kobe, Japan), March 2019.
- Tingwei Chang, Tomonori Kume, Linjie Jiao, Yoshiko Kosugi, Isoprene emission from bamboo species. AsiaFlux Workshop 2019 (Gifu, Japan), October 2019.
- Linjie Jiao, Yuichi Sempuku, Tingwei Chang, Yoshiko Kosugi, Gas exchange process during and after rainfall over a Japanese cypress canopy by using eddy covariance and SVAT multi-layer model. AsiaFlux Workshop 2019 (Gifu, Japan), October 2019.
- Linjie Jiao, Yuichi Sempuku, Ting-wei Chang, Yoshiko Kosugi, Interception by a temperate coniferous forest and its relationship with wet canopy gas exchange. European Geoscience Union General Assembly 2020 (Online), May 2020.
- Ting-Wei Chang, Tomonori Kume, Ayumi Katayama, Motonori Okumura, Linjie Jiao, Siyu Chen, Yoshiko Kosugi, Difference of isoprene emission along slope positions in an abandoned Moso bamboo (*Phyllostachys pubescens*) forest. American Geoscience Union Fall Meeting 2020 (Online), December 2020.
- Linjie Jiao, Yuichi Sempuku, Ting-Wei Chang, Yoshiko Kosugi, Interception and Gas Exchange Feature of a Temperate Evergreen Coniferous Forest in Asian Monsoon Area during and after Rainfall by using Multilayer Model. American Geoscience Union Fall Meeting 2020 (Online), December 2020.
- Linjie Jiao, Yoshiko Kosugi, Yuichi Sempuku, Ayaka Sakabe, Ting-Wei Chang, Using a multilayer model with eddy covariance to detect the leaf wetting and gas exchange of wet Japanese cypress canopy. International Symposium on Agricultural Meteorology 2021 (Online) March 2021.
- Linjie Jiao, Yoshiko Kosugi, Yuichi Sempuku, Ting-wei Chang, How Does the Abaxial Leaf Water Storage Influence the Evapotranspiration from Wet Cypress Canopy? American Geoscience Union Fall Meeting 2021 (Online), December 2021.
- Hiroshi Okamoto, Ting-Wei Chang, Akira Tani, Establishment of rapid measuring protocol for isoprene emission capacity of palm species. AsiaFlux Online Conference 2021 (Online), December 2021.
- Linjie Jiao, Yoshiko Kosugi, Yuichi Sempuku, Ting-wei Chang, Monitoring and analyzing latent heat flux simultaneously with leaf wetness by eddy covariance and SVAT multilayer model. AsiaFlux Online Conference 2021 (Online), December 2021.