

JMSJ Award in 2019

The JMSJ Editorial Committee presents the JMSJ Award to outstanding papers published each year. In 2019, the following four paper were awarded.

Ose, T., 2019: Characteristics of future changes in summertime East Asian monthly precipitation in MRI-AGCM global warming experiments. *J. Meteor. Soc. Japan*, **97**, 317-335.

<https://doi.org/10.2151/jmsj.2019-018>

Liu, B., C. Zhu, J. Su, S. Ma, and K. Xu, 2019: Record-breaking northward shift of the western North Pacific Subtropical High in July 2018. *J. Meteor. Soc. Japan*, **97**, 913-925.

<https://doi.org/10.2151/jmsj.2019-047>

Yukimoto, S., H. Kawai, T. Koshiro, N. Oshima, K. Yoshida, S. Urakawa, H. Tsujino, M. Deushi, T. Tanaka, M. Hosaka, S. Yabu, H. Yoshimura, E. Shindo, R. Mizuta, A. Obata, Y. Adachi, and M. Ishii, 2019: The Meteorological Research Institute Earth System Model version 2.0, MRI-ESM2.0: Description and basic evaluation of the physical component. *J. Meteor. Soc. Japan*, **97**, 931-965.

<https://doi.org/10.2151/jmsj.2019-051>

Tsuyuki, T., 2019: Ensemble Kalman filtering based on potential vorticity for atmospheric multi-scale data assimilation. *J. Meteor. Soc. Japan*, **97**, 1191-1210.

<https://doi.org/10.2151/jmsj.2019-067>

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Masaki Satoh
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