Prof. Ryuichiro Yoshie, President at Tokyo Polytechnic University, received the Best Paper Award of Japan Association for Wind Engineering.

Title of award-winning paper is the "Validation of WRF for Preparation of Standard Wind Data for Assessment of Pedestrian Wind Environment", and it summarized the study of standard wind data preparation for assessment of pedestrian wind environment by using WRF (The Weather Research and Forecasting Model). The existing method of direct observation often varies in result by the effect of observatories location, heights, and surrounding buildings. The new alternative method proposed in this paper using WRF aims to clear that issue, and it can reproduce the occurrence frequencies and vertical profiles of wind speed with high accuracy.

This study is expected to make a significant contribution to the assessment of pedestrian wind environment, as well as it contributed greatly for regional atmospheric model WRF to be applied in the wind engineering field near future.