

## Surface Meteorological Monitoring Network for Observation of Extreme Weather (1): Meteorological Characteristics in Tokyo

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The purpose of this study is to clarify extreme weather in cities including short time heavy rainfall and high temperature in summer. High-density surface meteorological monitoring network were expanded in Tokyo. Meteorological characteristics in summer were examined by using high-density data in Tokyo obtained from this monitoring network. This study is supported by the S-8 Project, Comprehensive Research on Climate Change Impact Assessment and Adaptation Policies, implemented by the Environment Research and Technology Development Fund of the Ministry of the Environment, Japan and Tokyo Metropolitan Area Convection Study for Extreme Weather Resilient Cities (TOMACS) under the Special Coordination Funds for Promoting Science and Technology of the Ministry of Education, Culture, Sports, Science and Technology (MEXT).

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