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## Changes in Climate Parameters at Wakkanai Area, Which is Located at Most Northern Part in Japan

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### ABSTRACT

We evaluated the climate change in Wakkanai area, which is located at most northern part and typically rural area in Japan. Climate parameters i.e. atmospheric pressure, air temperature, humidity, velocity, daylight hours and snow fall were obtained from Japan Meteorological Agency. Positive changes in parameters in air temperature, especially mean of the lowest air temperature ( $r = 0.508$ ,  $p < 0.0001$ ) were noted. In addition, parameters of air temperature in January were significantly and positively correlated with years. However, atmospheric pressure (land) and mean velocity were negatively correlated with years. Global warming was also proved at Wakkanai area, especially in winter, in Japan.

### KEYWORDS

Wakkanai; Global Warming; Air temperature; Velocity

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