

Thermal Design of Plant Canopy Structure Based on Measurement Data of Thermal Environment of Premises Woods

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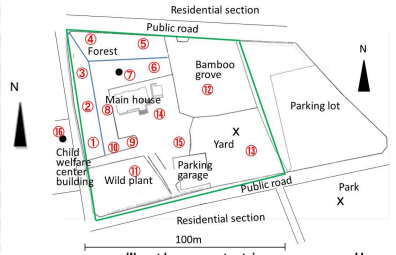
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Aerial photograph of the premises woods which remains into a residential section



●: Weather station, ×: Human subject experiment, ①-⑩: Air temperature and relative humidity



Premises woods



Wild grass which citizens have managed in the premises woods



Bamboo grove in the premises woods area



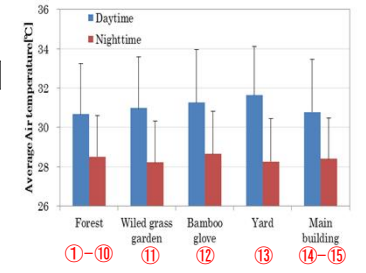
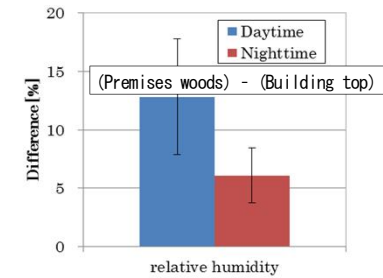
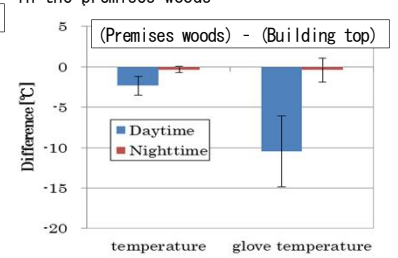
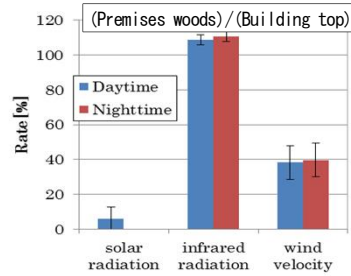
A big tree in the premises woods area



Weather station on the adjacent building top



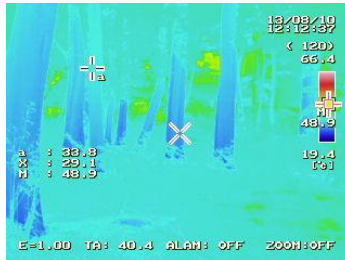
Weather station in the premises woods



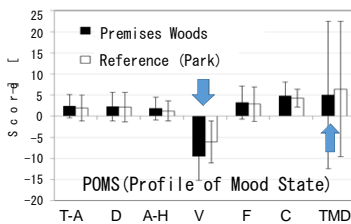
Premises woods (Yard)



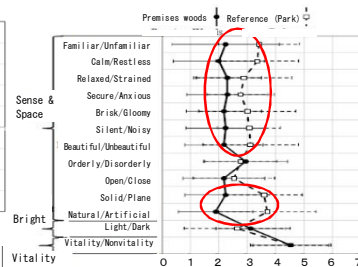
Reference (Park)



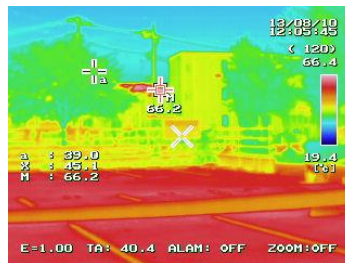
Premises woods



T-A: Tension-Anxiety, D: Depression-Dejection, A-H: Anger-Hostility, V: Vigor, F: Fatigue, C: Confusion, TMD: Total mode disturbance



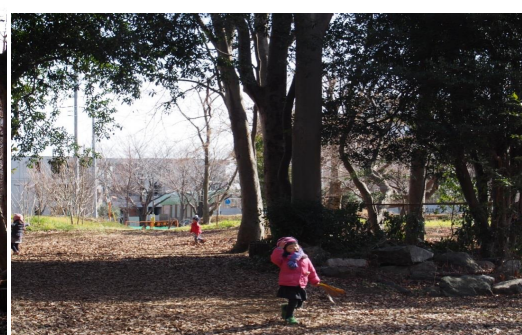
SD (semantic differential technique) method



Parking



In the premises woods, people in a neighborhood are doing gymnastics every morning.



The premises woods is used for a walk of a surrounding nursery school.



This photo shows the member of the "Tokyo premises woods network" constituted from citizen of the owner.