

Climate Above Ground : Redux

*Aji John¹, Kevin Xu², Angela Xu³

1. University of Washington, 2. University of California, Berkeley, 3. University of California, San Diego

Climate above ground (CAG) has been actively studied since Rudolf Geiger' s original manuscript in 1940. Most of the CAG studies employ use of measurement apparatuses at a height of >1 meter or simply rely on data collected from meteorological weather stations. There is a serious gap in understanding of climate within the first meter above ground. We have designed and deployed a sensor module equipped with temperature sensors evenly spaced between 0.16 meters and 1 meter above ground. We visualized the temperature variations at various heights, and compared the readings with readings made at a height of 1.2 meters, a commonly used height for temperature readings in the literature. We attest to the past findings of "nocturnal raised minimum".

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Sensor