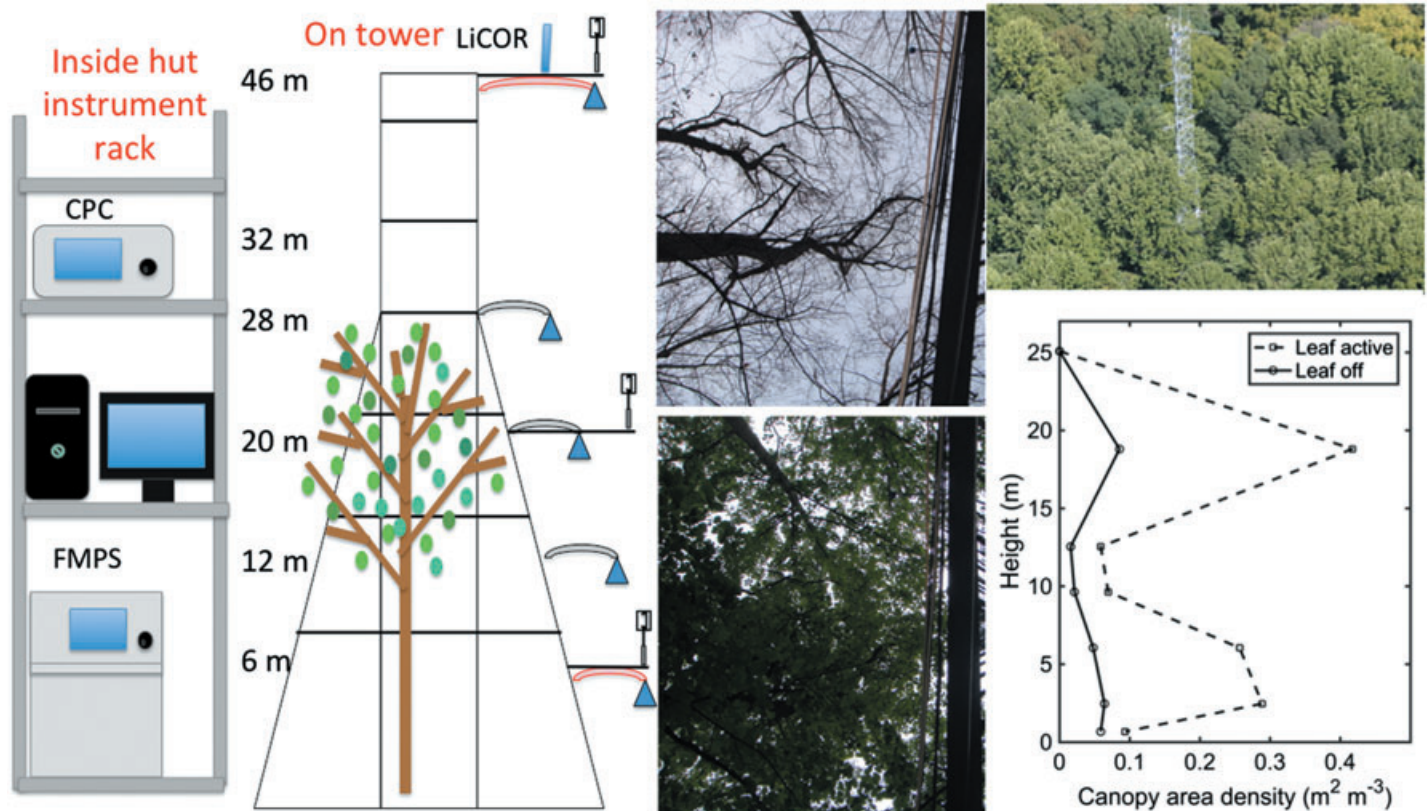




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Cover: Pryor *et al.* [DOI: [10.1002/2016JD025854](https://doi.org/10.1002/2016JD025854)] computed fluxes of ultra-fine particles (UFP) above and below the canopy of a mature deciduous forest during leaf-on and leaf-off periods (using the multi-level sampling design shown). The results indicate that despite a comparatively high frequency of upward ultra-fine particle number fluxes, the forest is a net sink for UFP. Further, the majority of UFP that are deposited to the forest are removed by the over-story even during leaf-off. Understanding the flux partitioning between the over-story and ground and the uptake of UFP by forests is essential to improving the representation of atmospheric aerosol particles in Earth System Models. See pp. 405–422.

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