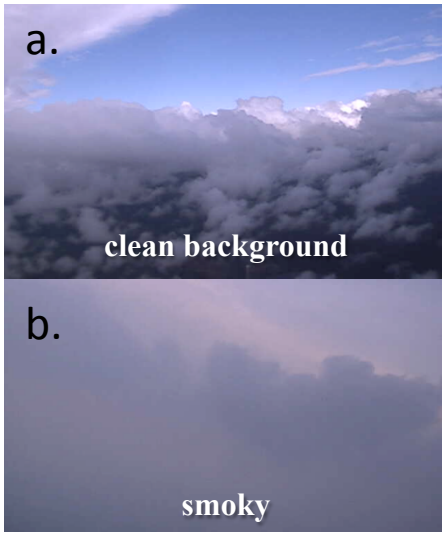
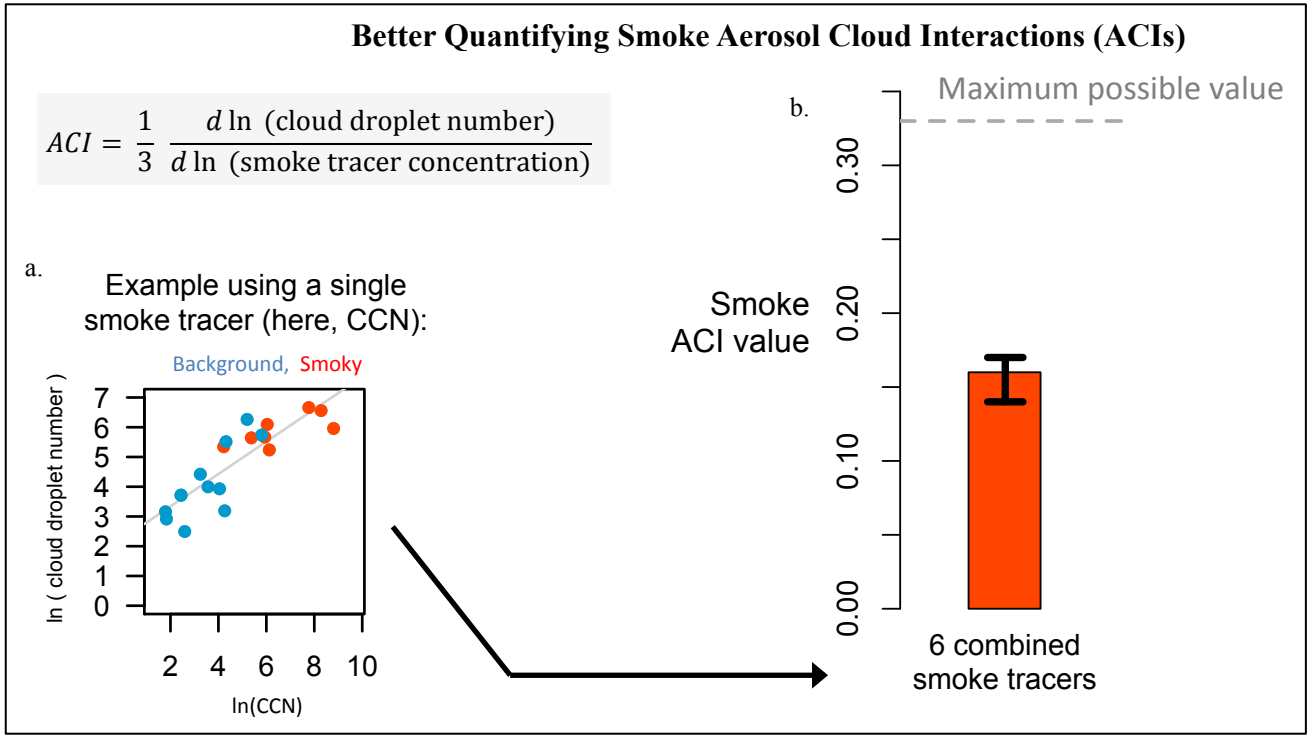
Aircraft observations help quantify smoke microphysical impacts on Arctic and subarctic clouds

L. Zamora[1,2], R. Kahn[1]

[1]Code 613, NASA/GSFC, [2]USRA





These relationships are used to better quantify the response of Arctic/subarctic clouds to smoke aerosols. Our results are complementary to remote sensing observations. They also allow direct parameterization and validation of models and enable better estimation of summertime short-wave radiative flux.