

Deliverable D9: Modeling the Role of Surface Tension in Aerosol Dynamics and Morphology

Objective: Develop Particle Surface Tension Model and then Particle Morphology and Growth Models

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Funding status: proposed

Summary of progress: Single Solute Surface Tension Model was Published

$$\sigma(a_A) = \sigma_W + \frac{kT}{r_A S_W} \ln \frac{1 - K_A a_A}{1 - K_A a_A (1 - C_1)}$$

