

## Particle Formation in the Marine Atmosphere

Particles in the marine atmosphere come from a variety of sources including sea-spray, dust transported from land and biogenic particles generated by bubble bursting at the sea surface. The contentious issue of particle formation from gaseous precursors of marine and/or terrestrial origin will also be addressed. Each of the sources will be discussed along with the roles of the particles in atmospheric chemistry and physics, including climate and human health. Similarities and differences between particle formation processes and atmospheric processing between the marine and terrestrial environments will also be discussed.