

*1st Graduate Symposium on Marine Policy and Science, October 30-31, 1999, Lewes, Delaware*

## **Generation of Sea-salt Aerosols**

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### **ABSTRACT**

Aerosols are small particles suspended in the atmosphere. They can affect climate by reflecting incoming sunlight back to space and by modifying the properties and lifetime of clouds. Including aerosols in climate models can improve predictions.

Aerosols can be generated at the surface of the ocean by breaking waves. These aerosols dominate in a clean marine atmosphere. My presentation will discuss how sea-salt aerosols are generated and explain how this can be modeled. Finally, I will explore the possible important role of aerosols in the climate system.