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# An Introduction to the Chemistry of the Sea

Second Edition

**MICHAEL E. Q. PILSON**

University of Rhode Island



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Cover illustration (front): phytoplankton bloom in the Barents Sea, 31 Aug 2010. NASA  
image courtesy of Norman Kuring, NASA Ocean Color Group. (back inset, graph): The  
seawater in equilibrium with the atmosphere has a temperature of 18 °C, a salinity of 35‰,  
and a total alkalinity of 2.32 mmol kg<sup>-1</sup>, close to the current global averages for the  
surface ocean. This graph is updated from one that appeared on the cover of the 1998  
edition of this book.