Aquatic Chemistry: Chemical Equilibria and Rates in Natural Waters, 3rd Edition
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DESCRIPTION

The authoritative introduction to natural water chemistry THIRD EDITION

Now in its updated and expanded Third Edition, Aquatic Chemistry remains the classic resource on the essential concepts of natural water chemistry. Designed for both self-study and classroom use, this book builds a solid foundation in the general principles of natural water chemistry and then proceeds to a thorough treatment of more advanced topics. Key principles are illustrated with a wide range of quantitative models, examples, and problem-solving methods.

Major subjects covered include:

* Chemical Thermodynamics
* Solid-Solution Interface and Kinetics
* Trace Metals
* Acids and Bases
* Kinetics of Redox Processes
* Dissolved Carbon Dioxide
* Photochemical Processes
ABOUT THE AUTHOR

WERNER STUMM is an internationally renowned aquatic scientist at the Federal Institute for Environmental Science and Technology, EAWAG, Swiss Federal Institute of Technology, ETH. His numerous publications include Chemistry of the Solid-Water Interface, Aquatic Chemical Kinetics, and Aquatic Surface Chemistry, all published by Wiley.

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