



Water and Wastewater Calculations Manual, 2nd Ed.

By Shun Lin, C. Lee

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- Coverage of stream sanitation, lake and impoundment management, and groundwater
- Conversion factors, water flow calculations, hydraulics in pipes, weirs, orifices, and open channels, distribution, outlets, and quality issues
- In-depth emphasis on drinking water treatment and water pollution control technologies
- Calculations specifically keyed to regulation requirements
- New to this edition: regulation updates, pellet softening, membrane filtration, disinfection by-products, health risks, wetlands, new and revised examples using field data

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• Streams and Rivers • Lakes and Reservoirs • Groundwater • Fundamental and Treatment Plant Hydraulics • Public Water Supply • Wastewater Engineering • Appendices: Macro invertebrate Tolerance List • Well Function for Confined Aquifers • Solubility Product Constants for Solution at or near Room Temperature • Freundlich Adsorption Isotherm Constants for Toxic Organic Compounds • Conversion Factors

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Editorial Review

About the Author

Shun Dar Lin, Ph.D., is one of the world's leading water and wastewater scientists with over 40 years of practical and academic experience in the field. Until his retirement, he was a Senior Professional Scientist at the University of Illinois at Urbana-Champaign. The author of more than 100 articles and reports on water and wastewater engineering, Dr. Lin is now a consultant to the governments of both Taiwan and the United States.

C. C. Lee is a research program manager at the National Risk Management Research Laboratory.

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