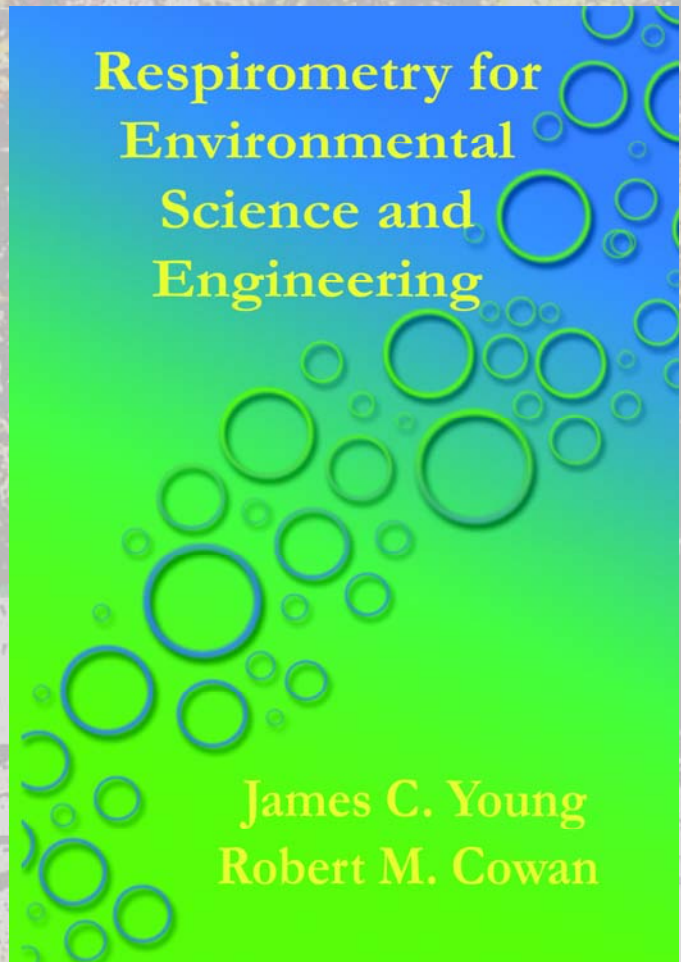


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by **James C. Young** and **Robert M. Cowan**

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About the Authors

James C. Young has 38 years experience in teaching, research and consulting on topics related to biological wastewater treatment. Much of his research work has involved development of design and operating parameters for wastewater treatment processes and using respirometry for wastewater analysis, diagnosing treatment plant operating problems, activated sludge process control, and assessing treatability of industrial wastewaters. He has three patents on respirometer systems.

Robert M. Cowan has 14 years of academic, research and consulting experience in environmental engineering, focusing on biodegradation kinetics, bioremediation, and biological wastewater treatment. Dr. Cowan's work with respirometers has concentrated on methods for measuring kinetic parameters and evaluating factors affecting the application of these measurements to wastewater treatment plant environments.

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