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Titolo	Working with faculty writers / / edited by Anne Ellen Geller and Michele Eodice
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Soggetti	Academic writing - Study and teaching (Higher) Academic writing - Vocational guidance Writing centers - Administration English language - Rhetoric - Study and teaching (Higher) - Authorship English language - Rhetoric - Study and teaching (Higher) - Research Report writing - Study and teaching (Higher) Education, Higher - Aims and objectives Universities and colleges - Administration College teachers - Tenure Electronic books.
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Nota di contenuto	Contents; Foreword - Robert Boice; Acknowledgments; Introduction - Anne Ellen Geller; Part 1: Leadership and Locations; 1. Beyond the Curriculum: Supporting Faculty Writing Groups in WAC Programs - Chris Anson; 2. The Scholarly Writing Continuum: A New Program Model for Teaching and Faculty Development Centers - Brian Baldi, Mary Deane Sorcinelli, and Jung H. Yun; 3. The Idea of a Faculty Writing Center: Moving from Troubling Deficiencies to Collaborative Engagement - Lori Salem and Jennifer Follett 4. Talking about Writing: Critical Dialogues on Supporting Faculty Writers - Gertrude Fraser and Deandra LittlePart 2: Writing Groups

/Retreats/Residencies; 5. How Teaching Centers Can Support Faculty as Writers - Tara Gray, A. Jane Birch, and Laura Madson; 6. Faculty Writing Groups: Writing Centers and Third Space Collaborations - Angela Clark-Oates and Lisa Cahill; 7. Supporting a Culture of Writing: Faculty Writing Residencies as a WAC Initiative - Jessie L. Moore, Peter Felten, and Michael Strickland
8. Assessing the Effects of Faculty and Staff Writing Retreats: Four Institutional Perspectives - Ellen Schendel, Susan Callaway, Violet Dutcher, and Claudine Griggs9. Feedback and Fellowship: Stories from a Successful Writing Group - Virginia Fajt, Fran I. Gelwick, Veronica Loureiro-Rodriguez, Prudence Merton, Georgianne Moore, Maria Irene Moyna, and Jill Zarestky; 10. Developing a Heuristic for Multidisciplinary Faculty Writing Groups: A Case Study - Trixie G. Smith, Janice C. Molloy, Eva Kassens-Noor, Wen Li, and Manuel Colunga-Garcia; Part 3: Issues and Authors
11. Guiding Principles for Supporting Faculty as Writers at a Teaching-Mission Institution - Michelle Cox and Ann Brunjes12. Academic Publication and Contingent Faculty: Establishing a Community of Scholars - Letizia Guglielmo and Lynee Lewis Gaillet; 13. Experiencing Ourselves as Writers: An Exploration of How Faculty Writers Move from Dispositions to Identities - William P. Banks and Kerri B. Flinchbaugh; 14. Imagining Coauthorship as Phased Collaboration - William Duffy and John Pell
15. Experiencing the Benefits of Difference within Multidisciplinary Graduate Writing Groups - Elena Marie-Adkins Garcia, Seung hee Eum, and Lorna Watt16. The Promise of Self-Authorship as an Integrative Framework for Supporting Faculty Writers - Carmen Werder; Afterword - Michele Eodice; About the Contributors; Index

Sommario/riassunto

" The imperative to write and to publish is a relatively new development in the history of academia, yet it is now a significant factor in the culture of higher education. Working with Faculty Writers takes a broad view of faculty writing support, advocating its value for tenure-track professors, adjuncts, senior scholars, and graduate students. The authors in this volume imagine productive campus writing support for faculty and future faculty that allows for new insights about their own disciplinary writing and writing processes, as well as the development of fresh ideas about student writing. Contributors from a variety of institution types and perspectives consider who faculty writers are and who they may be in the future, reveal the range of locations and models of support for faculty writers, explore the ways these might be delivered and assessed, and consider the theoretical, philosophical, political, and pedagogical approaches to faculty writing support, as well as its relationship to student writing support. With the pressure on faculty to be productive researchers and writers greater than ever, this is a must-read volume for administrators, faculty, and others involved in developing and assessing models of faculty writing support"--

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Autore	Dunnivant Frank M
Titolo	A basic introduction to pollutant fate and transport [[electronic resource]] : an integrated approach with chemistry, modeling, risk assessment, and environmental legislation / / Frank M. Dunnivant, Elliot Anders
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Environmental Laws; References; PART II CHEMISTRY OF FATE AND TRANSPORT MODELING; CHAPTER 2 BASIC CHEMICAL PROCESSES IN POLLUTANT FATE AND TRANSPORT MODELING; 2.1 The Liquid Medium: Water and the Water Cycle; 2.2 Unique Properties of Water; 2.3 Concentration Units; 2.4 Chemical Aspects of Environmental Systems; 2.4.1 pH; 2.4.2 Activity; 2.4.3 Solubility; 2.4.4 Vapor Pressure; 2.4.5 Henry's Law Constant; 2.5 Reactions and Equilibrium; 2.5.1 Acid-base Chemistry
2.5.2 Oxidation-Reduction Chemistry2.6 Complexation; 2.7 Equilibrium Sorption Phenomena; 2.7.1 Sorption Surfaces; 2.7.2 Organic Matter; 2.7.3 Organic Sorbates; 2.7.4 Partition Coefficients, K (d) and K(p); 2.7.5 Ion Exchange Phenomena for Ionic Pollutants; 2.8 Transformation/Degradation Reactions; 2.8.1 Abiotic Chemical Transformations/Degradations; 2.8.2 Photochemical Transformation/Degradation Reactions; 2.8.3 Nuclear; 2.8.4 Biological; 2.9 Summary; References; CHAPTER 3 QUANTITATIVE ASPECTS OF CHEMISTRY TOWARD MODELING; 3.1 Introduction
3.2 Calculation of the Free Metal Ion Concentration in Natural Waters3. 2.1 Calculating Chemical Equilibria; 3.2.2 Equilibrium Applied to More Complex Speciation Problems; 3.3 Methods for Determining K(d) and K (p); 3.4 Kinetics of the Sorption Process; 3.5 Sorption Isotherms; 3.5.1 A General Approach; 3.6 Kinetics of Transformation Reactions; 3.7 Putting It All Together: Where Chemistry Enters into the Modeling Effort; Case I: A Metal Pollutant; Case II: Hydrophobic Pollutants; References; PART III MODELING; CHAPTER 4 AN OVERVIEW OF POLLUTANT FATE AND TRANSPORT MODELING
4.1 Modeling Approaches4.1.1 Algebraic Solutions; 4.1.2 Modeling Using Differential Equations; 4.1.3 The General Approach for the Models Used in this Text; 4.1.4 Numerical Methods of Analysis; 4.2 The Quality of Modeling Results; 4.3 What Do You Do with Your Modeling Results?; References; CHAPTER 5 FATE AND TRANSPORT CONCEPTS FOR LAKE SYSTEMS; Case Study: Lake Onondaga; 5.1 Introduction; 5.2 Types of lakes and lake-forming events; 5.3 Input Sources; 5.4 Stratification of Lake Systems; 5.5 Important Factors in the Modeling of Lakes: Conceptual Model Development; 5.5.1 Definitions of Terms:
5.5.2 Detention Times and Effective Mixing Volumes

Sommario/riassunto

A uniquely accessible text on environmental modeling designed for both students and industry personnel Pollutant fate and modeling are becoming increasingly important in both regulatory and scientific areas. However,the complexity of the software and models often act as an inhibitor to the advancement of water quality science. A Basic Introduction to Pollutant Fate and Transport fills the need for a basic instructional tool for students and environmental professionals who lack the rigorous mathematical background necessary to derive the governing fate and transport equations.