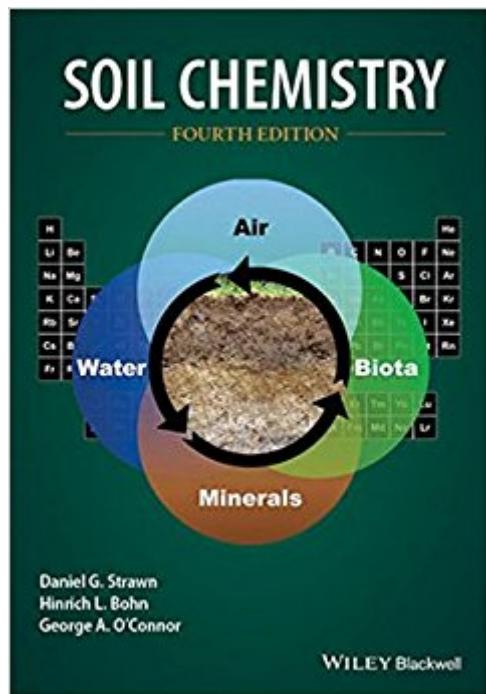


The book was found

Soil Chemistry



Synopsis

Soil is key to sustaining life— affecting air and water quality, the growth of plants and crops, and the health of the entire planet. Soil Chemistry 4e provides comprehensive coverage of the chemical interactions among organic and inorganic solids, air, water, microorganisms, and the plant roots in soil. The fourth edition of Soil Chemistry has been revised and updated throughout and provides a basic description of important research and fundamental knowledge in the field. The text covers chemical processes that occur in soils, including: distribution and species of nutrients and contaminants in soils; aqueous chemistry of soil solutions and mineral dissolution; oxidation and reduction reactions in soils; soil mineral formation processes and properties; the formation and reactivity of soil organic matter; surface chemistry and cation, anion, and organic compound adsorption reactions; modelling soil chemical reactions; and reactions in acid and salt affected soils. Although extensively revised with updated figures and tables, the fourth edition maintains the focus on introductory soil chemistry that has distinguished earlier editions. New chapters on properties of elements relevant to soil chemistry, and a chapter with special focus on soil surface characteristics have been added. Special Topics boxes are also included in the Fourth Edition that includes examples, noteworthy topics, and case studies. End of chapter questions are included as a resource for teaching.

Book Information

Paperback: 392 pages

Publisher: Wiley-Blackwell; 4 edition (June 22, 2015)

Language: English

ISBN-10: 111862923X

ISBN-13: 978-1118629239

Product Dimensions: 7.5 x 0.8 x 9.7 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #275,803 in Books (See Top 100 in Books) #53 in Books > Science & Math > Agricultural Sciences > Soil Science #253 in Books > Textbooks > Science & Mathematics > Agriculture #10432 in Books > Engineering & Transportation > Engineering

Customer Reviews

“Overall, Soil chemistry is a tour de force of well, soil chemistry. If you read it, then you will learn a great deal and richly enhance your understanding about the dirt beneath your feet,

why it behaves the way it does and how you might go about modifying its properties. . . At last. A
Ã¢ œdirty bookÃ¢ » worth reading!ÃÂ (Chemistry in Australia, 1 December 2015)

Soil is key to sustaining lifeÃ¢ » affecting air and water quality, the growth of plants and crops, and the health of the entire planet. Soil Chemistry 4e provides comprehensive coverage of the chemical interactions among organic and inorganic solids, air, water, microorganisms, and the plant roots in soil. The fourth edition of Soil Chemistry has been revised and updated throughout and provides a basic description of important research and fundamental knowledge in the field. The text covers chemical processes that occur in soils, including: distribution and species of nutrients and contaminants in soils; aqueous chemistry of soil solutions and mineral dissolution; oxidation and reduction reactions in soils; soil mineral formation processes and properties; the formation and reactivity of soil organic matter; surface chemistry and cation, anion, and organic compound adsorption reactions; modelling soil chemical reactions; and reactions in acid and salt affected soils. Although extensively revised with updated figures and tables, the fourth edition maintains the focus on introductory soil chemistry that has distinguished earlier editions. New chapters on properties of elements relevant to soil chemistry, and a chapter with special focus on soil surface characteristics have been added. Special Topics boxes are also included in the Fourth Edition that includes examples, noteworthy topics, and case studies. End of chapter questions are included as a resource for teaching.

Very useful book for basic soil chemistry. Designated textbook for graduate-level SOIL CHEMISTRY class.

This is a good book, quite comprehensive about soil chemistry.

[Download to continue reading...](#)

Methods of Soil Analysis. Part 2. Microbiological and Biochemical Properties (Soil Science Society of America Book, No 5) (Soil Science Society of America Book Series) Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review The Soil Will Save Us: How Scientists, Farmers, and Ranchers Are Tending the Soil to Reverse Global Warming The Soul of Soil: A Soil-Building Guide for Master Gardeners and Farmers, 4th Edition Start With the Soil: The Organic Gardener's Guide to Improving

Soil for Higher Yields, More Beautiful Flowers, and a Healthy, Easy-Care Garden Improving Your Soil: A Practical Guide to Soil Management for the Serious Home Gardener Taylor's Weekend Gardening Guide to Soil and Composting: The Complete Guide to Building Healthy, Fertile Soil (Taylor's Weekend Gardening Guides (Houghton Mifflin)) The living soil: Evidence of the importance to human health of soil vitality, with special reference to post-war planning, Soil Water and Agronomic Productivity (Advances in Soil Science) Dynamics of WheeLâœ Soil Systems: A Soil Stress and Deformation-Based Approach (Ground Vehicle Engineering) Balancing Soil Nutrients and Acidity: The Real Dirt on Cultivating Crops, Compost, and a Healthier Home (The Ultimate Guide to Soil Book 3) The Soil Will Save Us: How Scientists, Farmers, and Foodies Are Healing the Soil to Save the Planet What is Organic Chemistry? Chemistry Book 4th Grade | Children's Chemistry Books Surviving Chemistry Review Book: High School Chemistry: 2015 Revision - with NYS Chemistry Regents Exams: The Physical Setting Surviving Chemistry Workbook: High School Chemistry: 2015 Revision - with NYS Chemistry Reference Tables Modern Chemistry Florida: Holt Chemistry and Modern Chemistry FCAT Standardized Test Preparation Surviving Chemistry Guided Study Book: High School Chemistry: 2015 Revision - with NYS Chemistry Regents Exams: The Physical Setting Soil and Water Chemistry: An Integrative Approach, Second Edition Environmental Soil Chemistry, Second Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)