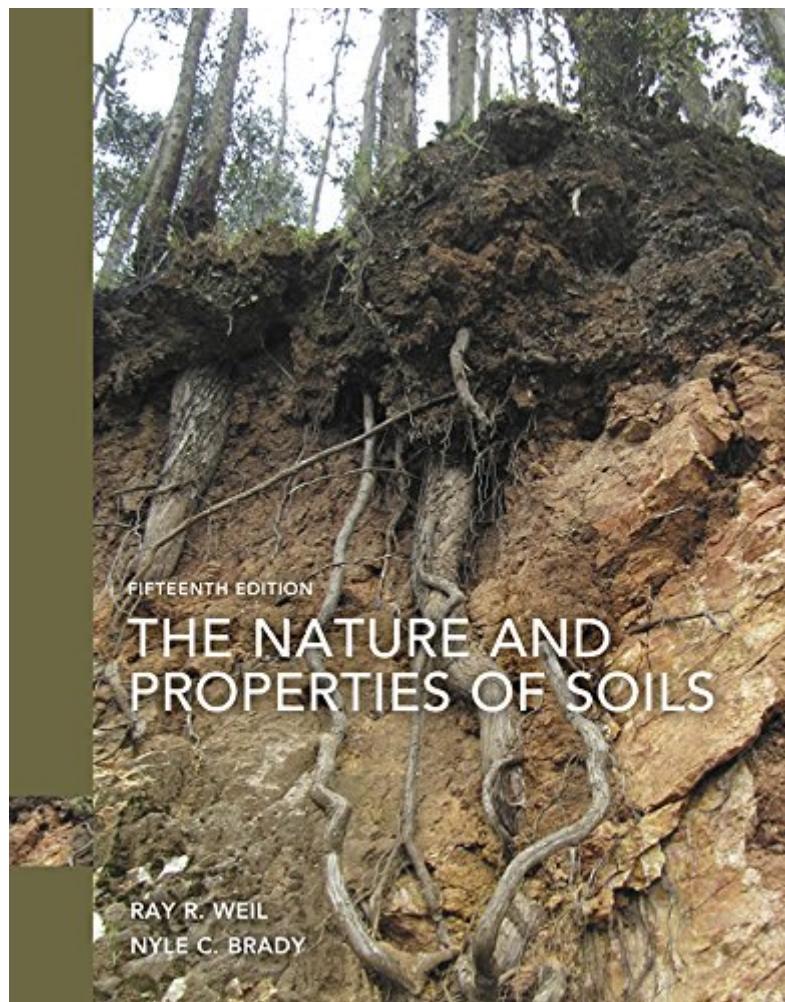


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Nature And Properties Of Soils, The



Synopsis

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Developed for Introduction to Soils or Soil Science courses, *The Nature and Properties of Soils*, Fifteenth Edition, can be used in courses such as Soil Fertility, Land Resources, Earth Science and Soil Geography. "The Nature and Properties of Soils has been my labor of love for the past 5 years and updates a narrative that has both reflected and helped to shape soil science thinking for more than a century. It has evolved to provide a globally relevant framework for an integrated understanding of the diversity of soils, the soil system and its role in the ecology of planet Earth." - Ray R. Weil This hallmark text introduces the exciting world of soils through clear writing, strong pedagogy, and an ecological approach that effectively explains the fundamentals of soil science. Worked calculations, vignettes, and current real-world applications prepare readers to understand concepts, solve problems, and think critically. Written for both majors and non-majors, this text highlights the many interactions between the soil and other components of forest, range, agricultural, wetland and constructed ecosystems. Now in full-color, the Fifteenth Edition includes hundreds of compelling photos, figures, and diagrams to bring the exciting world of soils to life. Extensively revised, new and updated content appears in every chapter. Examples include: coverage of the pedosphere concept; new insights into humus and soil carbon accumulation; subaqueous soils, soil effects on human health; principles and practice of organic farming; urban and human engineered soils; new understandings of the nitrogen cycle; water-saving irrigation techniques; hydraulic redistribution, soil food-web ecology; disease suppressive soils; soil microbial genomics; soil interactions with global climate change; digital soil maps; and many others.

Book Information

File Size: 167383 KB

Print Length: 1104 pages

Simultaneous Device Usage: Up to 2 simultaneous devices, per publisher limits

Publisher: Pearson; 15 edition (May 16, 2016)

Publication Date: May 16, 2016

Language: English

ASIN: B01HCZJF6U

Text-to-Speech: Not enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #135,158 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #3 in Kindle Store > Kindle eBooks > Nonfiction > Science > Agricultural Sciences > Soil Science #19 in Books > Science & Math > Agricultural Sciences > Soil Science #5192 in Books > Engineering & Transportation > Engineering

Customer Reviews

WOW! If I had known that this book existed earlier, I could have saved my time and money on all those other books on soil! This text is authoritative, clearly communicated, and covers the whole discipline. So many other books on soil and fertility reek of author's subjective opinion, lack data-driven foundation - many times passing on centuries long old wives tales rather than giving us something scientifically based. Really a great educational tool and reference!

Great Intro to Soil Management for Resource Managers .

It is helping me with my class very much!

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