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Nota di contenuto	Lab 1. How Do Soils Form? Examining Rocks, Minerals and the Products

of Weathering under a Microscope -- Lab 2. What Is a Soil Profile? -- Lab 3. Why Do Soils Have Different Colors? Does Soil Smell? -- Lab 4. What Is Soil Texture? -- Lab 5. What Are Soil Structure And Consistence? -- Lab 6. What Is the Total Pore Space In the Soil? -- Lab 7. How Can Apparent Soil Water Retention Capacity Be Analyzed? -- Lab 8. What Is Permeability of Soil? -- Lab 9. How Does Water Percolate Through Soils? -- Lab 10. Build an Urban Erosion Model -- Lab 11. What Is Soil pH? How Is It Measured? -- Lab 12. Why Is Soil Salinity Important? -- Lab 13. How Do Cations Exchange In the Soil? -- Lab 14. How Can Carbonate Content Be Estimated? -- Lab 15. How Much of Trace Elements Are In Urban Soils? -- Lab 16. How Much of Nutrients Do Plants Need? -- Lab 17. How Much of Organic Matter and Humus Content Is In The Soil? -- Lab 18. Who Lives In the Soil? -- Lab 19. Using the Web Soil Survey for Various Applications -- Lab 20. Tell a Story about Your Soil from "A Worm's Eye View".

Sommario/riassunto

Delve into the fascinating world of soil science with 'The Urban Soil Guide,' a comprehensive manual designed for everyone from science beginners to seasoned horticulturists. Whether you're an introductory science student, a passionate gardener, a landscape designer, or a professional horticulturist, this guide is tailored for you. Packed with a variety of hands-on activities, this guide makes learning soil science both accessible and enjoyable. From simple experiments that can be performed in your kitchen to more advanced techniques, it offers a practical approach to understanding soil. Written by a soil scientist, this guide bridges the gap between professional knowledge and amateur enthusiasm. The Urban Soil Guide is versatile enough to serve as a textbook in botanical gardens and university classes, while also being an invaluable resource for amateurs. Choose activities that match your interest and level of expertise. Embark on your journey to becoming a soil expert with The Urban Soil Guide – your hands-on companion in the world of soil science.