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Nota di contenuto	Introduction -- Chapter 1: Socioscientific Issues as Tools to Teach Argumentation and Nature of Science -- Chapter 2: Purpose and Methodology -- Chapter 3: Biology -- Chapter 4: Physics -- Chapter 5: Environmental Science -- Chapter 6: Chemistry -- Chapter 7: Interdisciplinary Science: Ethical and Societal Challenges -- Chapter 8: Implications and Recommendations.
Sommario/riassunto	This textbook is an essential scholarly resource that explores the complexities of socioscientific issues (SSI), presenting scenarios that serve as an overview of crucial concerns. It is designed to give students a nuanced perspective as they navigate the intersections of science, ethics, and society. It aims to develop critical thinking abilities and enhance informed decision-making by encouraging students to think

critically, evaluate evidence, and support their viewpoints. It examines these issues across various scientific fields, presenting scenarios designed to enhance critical thinking and informed decision-making by encouraging students to evaluate evidence and support their viewpoints. This publication includes socioscientific issues from around the world that address the disciplines of biology, chemistry, physics, and environmental science. This volume is an invaluable resource for science educators and policymakers, as it provides practical insights and research-based strategies for enhancing scientific literacy and fostering a deeper understanding of the ethical dimensions of science in our interconnected world.

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