

Environmental Law for Engineers and Geoscientists


NEW!

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FEATURES

- Provides a background in the American legal system and environmental law
- Discusses important regulations and cases in the areas of air pollution, water pollution, hazardous site and mine site remedial work
- Contains a chapter on effective expert witnessing, admissible evidence, and testimony
- Covers the latest environmental case decisions and changes in environmental law
- Examines and analyzes over 100 environmental court cases
- Presents the expertise of a mining and geological engineer who is also a practicing attorney

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Today's engineer and geoscientist needs to know more than how to design a new or remedial project or facility. Questions of law and ambiguities of terms often occur in contracts for mining, landfills, site reclamation, waste depositories, clean up sites, land leases, operating agreements, joint ventures, and other projects. Work place situations arise where environmental compliance methods are challenged by enforcement agencies. Although the statutes, rules, and regulations may seem to be worded clearly and specifically, there are often questions in application and sometimes varied interpretations.

Environmental Law for Engineers and Geoscientists introduces simplified American jurisprudence focusing on the legal system, its courts, terms, phrases, administrative law, and regulation by the agencies that administer environmental law. The book comprehensively covers the "big five" environmental statutes: NEPA, CAA, CWA, CERCLA, and RCRA. With the basic law chapter as a foundation, the book covers the practical applications of environmental law for geo-engineers. It concludes with a chapter on the growing area of expert witnessing and admissible evidence in environmental litigation — an area of law where success or failure increasingly depends on the exacting preparation and presentation of expert scientific evidence.

Written by a professional mining and geological engineer and a practicing attorney, **Environmental Law for Engineers and Geoscientists** prepares you for the numerous environmental regulatory encounters you can expect when dealing with various statutes, laws, regulations, and agency rules that govern, affect, and apply to environmental engineering projects. It gives you a working knowledge of how to judge whether or not your project is in compliance with regulations, and how to ensure that it is.

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