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Nota di contenuto	Cover; Policy Instruments for Environmental and Natural Resource Management; Copyright; Contents; Foreword; Preface; Acknowledgements; Dedication; Abbreviations; Chapter 1. Background and Overview; Definitions, Concepts, and Challenges for Policymaking; Overview of the Book; Part I the Need for Environmental and Natural Resource Policy; Consequences of Economic Growth; Institutional and Policy Failure; Chapter 2. Classical Causes of Environmental Degradation; Growth and the Environment; Welfare and Policy Reform; Market Failure; Externalities; Chapter 3. Public Economics and Information Public Goods, Club Goods, and Common Property Congestion; Asymmetric Information and Uncertainty; Chapter 4. Adapting Models to Ecosystems: Ecology, Time, and Space; A Simple Bioeconomic Model of a Fishery; Bioeconomics and the Management of Ecosystems; Management in an Intertemporal Setting; Spatial Heterogeneity and Land Use; Chapter 5. the Evolution of Rights; Real Property; Common Property Resources; Water Law; Lessons for Environmental Externalities and Commons; Part II Review of Policy Instruments; Chapter 6. Direct

Regulation of the Environment; Optimality and Policy Instruments
Direct Provision of Public Goods
Regulation of Technology; Regulation of Performance; Chapter 7. Tradable Permits; U.s. Emissions Trading Programs; Other Emissions Trading Programs; Trading Programs for Other Resources; Chapter 8. Taxes; Pigovian Taxes; Taxes, Charges, and Earmarking; Taxes on Inputs and Outputs; Taxing Natural Resources; Chapter 9. Subsidies, Deposit-refund Schemes, and Refunded Emissions Payments; Subsidies and Subsidy Removal; Deposit-refund, Tax-subsidy, and Other Two-part Tariff Systems; Refunded Emissions Payments
Chapter 10. Property Rights, Legal Instruments, and Informational Policies
Creation of Property Rights; Common Property Resource Management; Liability and Other Legal Instruments; Environmental Agreements; Provision of Information; Chapter 11. National Policy and Planning; Part III Selection of Policy Instruments; Chapter 12. Efficiency of Policy Instruments; Heterogeneous Abatement Costs; Heterogeneous Damage Costs; Efficiency in an Intertemporal Sense; Technological Progress, Growth, and Inflation; Chapter 13. Role of Uncertainty and Information Asymmetry
Uncertainty in Abatement and Damage Costs (price Vs. Quantity)
Uncertainty Concerning Type of Polluter or User; Uncertainty Concerning Polluter or User Behavior; Chapter 14. Equilibrium Effects and Market Conditions; Goal Fulfillment, Abatement, and Output Substitution; General Equilibrium, Taxation, and the Double Dividend; Adapting to Market Conditions; Chapter 15. Distribution of Costs; Distribution of Costs and Rights Between Polluters and Society; Allocation of Rights; Incidence of Costs Between Polluters; Income Distributional Effects and Poverty
Chapter 16. Politics and Psychology of Policy Instruments

Sommario/riassunto

As Thomas Sterner points out, the economic 'toolkit' for dealing with environmental problems has become formidable. It includes taxes, charges, permits, deposit-refund systems, labeling, and other information disclosure mechanisms. Though not all these devices are widely used, empirical application has started within some sectors, and we are beginning to see the first systematic efforts at an advanced policy design that takes due account of market-based incentives. Sterner's book encourages more widespread and careful use of economic policy instruments. Intended primarily for application in de
