

US EPA ARCHIVE DOCUMENT

Grants by Research Category, Topic, and Methods

Award Number	Name	Title	Research Area			
			Research Category	Research Topic(s)	Primary Methods	Secondary Methods
9520288	Baron, Jonathan	Development of a Theory of Values and Their Measurement	EV 1: New method or theory	Measuring utility, values	Experiment	
R826617	Bockstael, Nancy	The Impact of Farmland Preservation Programs	D1: Methods and processes	Farmland preservation	Modeling/Theory Development	General
R824679	Brookshire, David	Preference Formation and Elicitation in Valuing Non-Market Goods	EV 2: Modification of existing method	Value formation, value elicitation	Survey	CV-related
9613458 R825313	Burtraw, Dallas	Effective Environmental Policy in the Presence of Distorting Taxes	EV 2: Modification of existing method	Environmental taxes	Modeling/Theory Development	Other, economic
R824698	Carson, Richard T.	Comparative Statistics of Approaches to Eliciting Economic Values	EV 3: Applications and testing	Surveys	Survey	CV-related
R824710	Cummings, Ronald G.	Valuing Environmental Damages with Stated Preference Methods	EV 3: Applications and testing	Contingent valuation, stated preference	Experiments	
R824705	Davis, Graham	Valuing the Stock and Flow of Mineral and Renewable Assets in National Income Accounting	EV 2: Modification of existing method	National economic accounts, mineral resources, mining	Modeling/Theory Development	National account
R824693	Dietz, Thomas	Towards a Social Psychology of Stated Preferences	D3: Factors affecting environmental policy and decision making	Stated preference, social psychology, value elicitation techniques	Survey	CV-related
9815876	Dietz, Thomas M.	Local Environmental Decision Making: Non-Mandated Environmental Policies and Public Participation	D3: Other considerations	Environmental decision making, public participation	Secondary Data Analysis	Other, decision making

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R824706	Fischhoff, Baruch	Eliciting Environmental Values: A Constructivist Approach	D1: Methods and processes	Eliciting environmental values	Modeling/Theory Development	General
R824671	Flores, Nicholas	Environmental Values and National Economic Accounts: A Theoretical Inquiry	EV 1: New method or theory	National economic accounts	National account	
R825309	Geoghegan, Jacqueline	Ecosystem Valuation: Policy Applications for the Patuxent Watershed Ecological-Economics Model	EV 3: Applications and testing	Cost-benefit analysis, watershed management	Secondary Data Analysis	Hedonic estimation
9525582	Gregory, Robin S.	Methods Development in using Constructive Survey Approaches to Value Nonmarket Environmental Resources	EV 1: New method or theory	Ecosystem valuation	Survey	CV-related
9815382	Gregory, Robin S.	Prescriptive Group Decision Processes for Risk Management	D2: Applications	Group decision making process, stakeholder involvement	Experiments	
R825824	Halstead, John M.	A Comparison of Direct Methods for Valuing Environmental Policies: A Case Study in New Hampshire's White Mountains	EV 3: Applications and testing	Ecosystem valuation, air quality, New Hampshire, case study	Survey	CV-related
R825312	Hammitt, James	Valuation of Risks to Human Health: Insensitivity to Magnitude?	EV 3: Applications and testing	Contingent valuation	Survey	CV-related
R825825	Harvey, Charles M.	A Decision Analysis Framework for Groundwater Remediation	D2: Applications	Groundwater remediation	Modeling/Theory Development	General

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R825310	Herriges, Joseph	Updating Prior Methods for Non-Market Valuation: A Bayesian Approach to Combining Disparate Sources on Environmental Values	EV 2: Modification of existing method	Ecosystem valuation, Bayesian approach, wetlands	Modeling/Theory Development	Contingent Valuation
R826615	Herriges, Joseph A.	An Examination of Utility Consistent Approaches to Modeling Corner Solutions in Recreation Demand	EV 3: Applications and testing	Recreation demand, Wisconsin Great Lakes Region, Iowa Wetlands	Modeling/Theory Development	General
R825822	Hulse, David W.	Establishing Correlations between Upland Forest Management Practices and the Economic Consequences of Stream Turbidity in Municipal Supply Watersheds	D2: Applications	Ecosystem valuation, land management, reservoir management	Secondary Data Analysis	Other, economic
9613045	Kanninen, Barbara J.	Optimal Experimental Design for Conjoint Analysis	EV 2: Modification of existing method	Conjoint analysis, experimental design	Survey	Conjoint analysis/MAU
R826611	Keller, L. Robin	Assessing Preferences for Environmental Decisions with Long-Term Consequences	D2: Applications	Decision analysis	Survey	Conjoint analysis/MAU
R825821	Krupnick, Alan	Cost-benefit and Uncertainty Analysis for Ambient Ozone Reductions: Development and Demonstration of an Integrated Model and Framework	EV 3: Applications and testing	Cost-benefit analysis, ozone reduction	Modeling/Theory Development	Other, economic
R824711	Krupnick, Alan	Mortality Risk Valuation and Stated Preference Methods: An Exploratory Study	EV 3: Applications and testing	Mortality risk, stated preference, contingent valuation, air quality	Survey	CV-related

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R826608	Krupnick, Alan J.	The Valuation of Mortality Risk Reductions: Application of Two New Survey Instruments	EV 3: Applications and testing	Mortality risk, air pollution	Survey	CV-related
R824687	Mansfield, Carol	Improving the Responses to Willingness to Accept Questions Using Alternate Forms of Compensation	D3: Other considerations	Willingness to accept	Survey	CV-related
R826614	Mayer, Alex	Multi-Objective Decision Making for Environmental Remediation	D2: Applications	Multi-objective decision making, groundwater remediation	Modeling/Theory Development	General
R826619	Montgomery, Claire	Land Management with Biological and Economic Objectives	D1: Methods and processes	Bioeconomic model, timber management	Modeling/Theory Development	General
9729229	Norton, Bryan	A Multi-Criteria, Dynamic, and Place-Based Approach to Ecosystem Valuation	EV 1: New method or theory	Preferences and perceptions	Survey	Non-CV survey
R824709	Opaluch, James	Developing Conjoint Stated Preference Methods for Valuation of Environmental Resources within their Ecological Context	EV 2: Modification of existing method	Ecosystem valuation, conjoint stated preference methods	Survey	Conjoint analysis/MAU
R826610	Opaluch, James J.	Environmental Policy and Endogenous Technical Change: A Theoretical and Empirical Analysis	D1: Methods and processes	Endogenous technical change	Secondary Data Analysis	Other, economic
9613493	Pfeffer, Max J.	Policy, Norms, and Values in Forest Conservation: Protected Area Buffer Zone Management in Central America	D3: Other considerations	Deforestation, Central America	Survey	Non-CV survey
9727375	Poe, Gregory L.	Demand Revealing Mechanism for Contingent Valuation Validity Tests: an Experimental Approach Using Appropriate Populations	EV 3: Applications and testing		Experiments	

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R825995	Rausser, Gordon	Stigma of Environmental Damage on Residential Property Values	EV 3: Applications and testing	Hazardous waste cleanup, residential property values	Secondary Data Analysis	Hedonic estimation
R824707	Rausser, Gordon	Deriving Biodiversity Option Value Within a Model of Biotechnology Research and Development	EV 2: Modification of existing method	Biodiversity	Modeling/Theory Development	General
R825996	ReVelle, Charles	Delineating Optimal Wetland Habitat Corridors for Inclusion in Migratory Flyways	D1: Methods and processes	Wetlands, migratory flyways	Modeling/Theory Development	General
R824699	Russell, Clifford	Innovations in the Valuation of Ecosystems: A Forest Application	EV 3: Applications and testing	Ecosystem valuation, case study, southern Appalachian forest	Survey	Conjoint analysis/MAU
9727376	Russell, Clifford S.	Citizen's Preferences for Environmental Options: Evidence on Existence and Triggering	EV 3: Applications and testing	Influencing stated preferences, recreational park	Survey	Non-CV survey
9815471	Sabatier, Paul A.	When Do Watershed Stakeholder Negotiations Work? A Multiple Lens Approach	D2: Applications	Watershed management, stakeholders, partnerships	Survey	CV-related
9613495	Sagoff, Mark H.	Aggregative and Deliberative Contexts for Valuation: A Philosophical Contribution to Experimental Research in Environmental Decision Making	EV 1: New method or theory	Normative judgments, aggregative approaches to resource valuation	Philosophical	

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R826612	Salzman, James	Improved Ecosystem Management through Ecosystem Service Valuation: A Legal, Economic, and Scientific Decision Making Model	EV 3: Applications and testing	Ecosystem valuation	Modeling/Theory Development	General
9602155	Satterfield, Theresa	Distinguishing Values from Valuation in a Policy-Relevant Manner	D1: Methods and processes	Ecosystem valuation, stakeholders	Experiment	
9815473	Scholz, John T.	Negotiating For Sustainable Development: An Evaluation of the CBEP Decision Process	D3: Other considerations	Sustainable development, stakeholders	Survey	Non-CV survey
R824688	Schulze, William	Can Contingent Valuation Measure Passive-Use Values?	EV 3: Applications and testing	Contingent valuation	Survey	CV-related
9815472	Shabman, Leonard A.	The Contribution of Economic Information to Environmental Decision-Making	D3: Other considerations	Economics, environmental decision making	Secondary Data Analysis	Other, decision making
R826609	Smith, V. Kerry	The Role of Locational Equilibria and Collective Behavior in Measuring the Benefits of Air Pollution Policies	EV 3: Applications and testing	Housing prices, air quality, California	Secondary Data Analysis	Hedonic estimation
R826616	Sohngen, Brent	Estimating the Cost of Carbon Sequestration in Global Forests	EV 2: Modification of existing method	Marginal costs, carbon sequestration	Modeling/Theory Development	General
R825311	Solow, Andrew	Decision making under Uncertainty in the Conservation of Biological Diversity	D1: Methods and processes	Biodiversity	Experiments	
R825307	Swallow, Stephen	Stated Preference Valuation Using Real Money for Forested Wetlands	EV 2: Modification of existing method	Ecosystem valuation, wetlands, New England	Survey	CV-related
R826618	Teisl, Mario F.	Environmental Labeling of Electricity: Label Design and Performance	D3: Other considerations	Environmental labeling, electricity deregulation	Survey	Non-CV survey

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R825826	Thayer, Mark	Improving Air Quality Benefit Estimates from Hedonic Models	EV 3: Applications and testing	Hedonic models, air quality	Secondary Data Analysis	Hedonic estimation
9613035	Toman, Michael A.	The Transition to "Green" Technology: Implications of Irreversibility and Nonconvexity	D1: Methods and processes	Green technology, economic modeling	Modeling/Theory Development	General
9727797	Trumbo, Craig W.	Planned Behavior, Environmental Values and Domestic Water Conservation. A Longitudinal Case Study of the California-Nevada Truckee River Watershed	D3: Other considerations	Watershed management, domestic water conservation, California-Nevada Truckee River Watershed	Survey	Non-CV survey
R825308	VanHoutven, George	Valuing Reductions in Environmental Sources of Infertility Risk Using the Efficient Household Framework	D2: Applications	Environmental risk, household decisions	Survey	CV-related
9613626	Webler, Thomas	Factors Influencing Participation of Local Governmental Officials in Environmental Policy Making and Implementation	D3: Other considerations	Local government, watershed management	Survey	Non-CV survey
R825827	Werner, Carol	Promoting Proper Use of a Household Hazardous Waste Facility: A Systems Approach	D3: Other considerations	Behavior, household hazardous waste	Experiments	