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## Title Index to Volume Four

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# Index to Volume 4

## By Title†

### *A Comparative Analysis of Six Methods for Calculating Travel Fatality Risk*

Examines the implications of alternative calculations of travel fatality risk for public policy and individual decision making. Finds that, e.g., commonly reported death rates tend to minimize the relative risk of auto travel.

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### *Advancing Understanding of Knowledge's Role in Lay Risk Perception*

Emphasizing how knowledge affects lay risk perception, Summarizes studies and suggests research of knowledge production, knowledge dissemination and information processing. Also suggests that better understanding can illuminate experts' hazard knowledge.

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### *Authorial Voice, Implied Audiences and the Drafting of the 1988 AIDS National Mailing*

Analyzes drafts of the 1988 ANM and finds that negotiated drafting contributed to its success. Also concludes that risk communicators should focus attention on audience needs rather than competing truth claims.

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### *Comparison of Predicted and Observed Dioxin Levels in Fish: Implications for Risk Assessment*

Compares sampled and modelled dioxin levels in fish near pulp and paper mill discharges and argues that determination of health risks should be based on sampling.

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### *Consensus Development at NIH: What Went Wrong?*

Identifies the Science Court concept as inspiring consensus development conferences at the National Institutes of Health and argues that, if the model were more closely followed, conference objectives would be better realized.

Itzhak Jacoby . . . . . 133

### *Daubert's Significance*

Explains how non-lawyers can easily overestimate the importance of *Daubert*.

Thomas G. Field, Jr. & Colleen M. Keegan . . . . . 283

### *Economic Impacts of Noxious Facilities: Incorporating the Effects of Risk Aversion*

Suggests an integrative approach for projecting economic impacts of facilities that elicit public risk aversion. Also suggests an impact estimation framework for integrating psychometric and econometric techniques.

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*Elitism vs. Checks and Balances in Communicating Scientific Information to the Public*

The "father of the Science Court" describes his objective in proposing it, his efforts to get a major public test of the concept, and insights gained since 1967.

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*Individual Control of Risk: Seat Belt Use, Subjective Norms and the Theory of Reasoned Action*

Factor analysis of data supports the theory that intention is a major determinate of behavior, but scenarios did not influence intention to wear seat belts.

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*Regulate Pollution or Land Use? Managing Toxic Air Contaminants in Southern California*

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*Physician Assisted Suicide: The Legal and Practical Contours*

Considers medical, legal and other perspectives on patients' right to assistance in dying with attention to legislative initiatives in three states.

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*Procedural Choices in Regulatory Science*

Compares four approaches to using science in regulatory decision making. Argues generally that that procedures should be sensitive to the distinctive characteristics of regulatory science.

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*Proving Environmental Inequity in Siting Locally Unwanted Land Uses*

Advances a process to determine whether, e.g., waste-to-energy facilities are disproportionately located in minority and poor communities and asks others to join in searching for a sound and fair process of resolving conflicts.

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*Route Fatality Risk as a Measure of Travel Death Risk*

Examines auto fatalities in Erie County, PA and shows that some routes pose a disproportionately high-risk. Argues that transportation safety could be greatly increased by relatively small expenditures.

Kopl Halperin & Jim Redman . . . . . 1

*Schools Respond to Risk Management Programs for Asbestos, Lead in Drinking Water and Radon*

Finds, based on study of EPA-initiated, public school risk management programs that, e.g., state agency involvement is important to the success of such programs and schools are reluctant to adopt tentative programs.

Ann Fisher, Lauraine G. Chestnut, Ruth H. Chapman &  
Robert D. Rowe . . . . . 329