

## リーディング・リスト

### **古典的論文**

- Davis (1963) 最初のCVM研究  
 Randall et al.(1974) CVMの経済理論的体系化  
 Bishop and Heberline (1979) 最初の二項選択CVM

### **バイアス**

- Mitchell and Carson (1989) 代表的なCVMテキスト  
 Carson (1991) 多数のバイアスの紹介  
 Bohm (1972) 戦略バイアスの実証研究  
 Hoehn and Randall (1987) 戦略バイアスの理論的分析

### **CVM批判と論争**

- 1994年のJournal of Economic Perspective特集記事(Portney; Hanemann; Diamond and Hausman)  
 1993年のChoices 特集記事(Carson, Meade, and Smith; Desvouges et al.; Randall)  
 Carson et al. (1996b) CVM論争のレビュー  
 Hausman (1993) CVM批判

### **CVMと環境法**

- Kopp and Pease (1996) NOAA/DOIの自然資源損害評価  
 Kopp and Smith (1993) 自然資源損害評価  
 Natural Resource Journal (1994)の特集記事  
 CERCLA (スーパーファンド法) CERCLA, 42 U.S.C.  
 内務省ルール 51 FR 27674 (Aug. 1, 1986)  
 オハイオ裁判 Ohio v. Department of Interior, 880 F.2d 432 (D.C. Cir 1989)  
 油濁法 33 U.S.C. 2701  
 Arrow et al. (1993) NOAAガイドライン (部分訳が栗山(1997)にある)

### **自然資源損害評価の法制度**

- 1994年NOAA提示案 59 Federal Register 1062 (January 7, 1994)  
 1994年内務省提示案 59 Federal Register 23098 (May 4, 1994)  
 1995年NOAA提示案 60 Federal Register 39804 (August 3, 1995)  
 1996年NOAA最終ルール 61 Federal Register 440 (January 1, 1996)

### **スコープテスト、温情効果、倫理的満足、不純利他主義**

- Carson (1995) スコープテストの理論と実証  
 Kahneman and Knetsch (1992) 倫理的満足  
 Diamond et al. (1993)、Desvouges et al. (1992, 1993)、Schkade and Payne (1993, 1994) スコープテストによるCVM批判  
 Andreoni (1989), Andreoni (1990) 温情効果と不純利他主義

### **二項選択**

- Hanemann (1984), Johansson et al. (1989) ランダム効用モデル  
 Cameron (1988) 支払意志額関数モデル  
 Cameron and James (1987) 支払意志額関数モデル

Hanemann and Kanninen (1996) 離散型選択モデルのレビュー

### WTP/WTA

Hanemann (1991) 確実性下の理論的分析

Hoehn and Randall (1987) 不確実性下の理論的分析

Randall and Stoll (1980) 誤差の範囲

Cummings, Brookshire, and Schulze (1986) 実証研究のレビュー

Mitchell and Carson (1989) 実証研究のレビュー

### CVMと顯示選好法

Carson et al. (1996a) メタ分析

Cameron (1992) トラベルコスト法とCVMの結合

Adamowicz et al. (1994) SP & RP

Ben-Akiva and Morikawa (1990) SP & RP

### 最適提示額設計と信頼区間推定

Alberini (1995)、Alberini and Carson (1993)、Cameron and Huppert (1991)、  
 Cooper (1993)、Cooper and Loomis (1993)、Duffield and Patterson (1991)、  
 Hanemann and Kanninen (1996)、Kanninen (1993a 1993b)、Kanninen and  
 Kristorm (1993)、Nyquist (1992)

### ダブルバウンド

Hanemann et al.(1991) ランダム効用モデル

Cameron and Quiggin (1994) 二変量プロピットモデル

Alberini et al.(1997) random-effectモデル

Carson et al. (1992) 生存分析

### 代表的な実証研究

Carson et al. (1992) エクソン・バルディーズ

Carson et al. (1994a) 産業廃棄物による海洋汚染

Carson et al. (1994b) カカドゥ保護地域

### コンジョイント分析と選択型実験

Johnson and Desvouges (1997) ペアワイズ

Adamowicz et al. (1998) 選択型実験

Mackenzie (1993) ペアワイズ、選択型

Opaluch et al. (1993) ペアワイズ

Roe et al. (1996) ペアワイズ、選択型

- Adamowicz, W., Boxall, P., Williams, M., and Louviere, J. (1998). Stated Preference Approaches for Measuring Passive Use Values: Choice Experiment versus Contingent Valuation. *American Journal of Agriculture Economics*, in press.
- Adamowicz, W. L., Louviere, J., and Williams, M. (1994). Combining Revealed and Stated Preference Methods for Valuing Environmental Amenities, *Journal of Environmental Economics and Management*, 26, 271-92 .
- Alberini, A. (1995). Optimal Designs for Discrete Choice Contingent Valuation Surveys: Single-Bound, Double-Bound, and Bivariate Models. *Journal of Environmental Economics and Management*, 28 (3), 287-306.
- Alberini, A., and Carson, R. T. (1993). Choice of Thresholds for Efficient Binary Discrete Choice Estimation. Resources for the Future, Quality of the Environment Division, Discussion Paper QE93-14, Washington, D.C.
- Alberini, A., Kanninen, B. J., and Carson, R. T. (1994). Random-effect Models of Willingness to Pay Using Discrete Response CV Survey Data. Discussion Paper 94-34. Washington DC: Resources for the Future.
- Andreoni, J. (1989). Giving with Impure Altruism: Applications to Charity and Ricardian Equivalence. *Journal of Political Economy*, 97(6), 1447-58.
- Andreoni, J. (1990). Impure Altruism and Donations to Public Goods: A Theory of Warm-Glow Giving? *Quarterly Journal of Economics*, 110(1), 1-21.
- Arrow, K., Solow, R., Portney, P. R., Leamer, E. E., Radner, R., and Schuman, H. (1993). Report of NOAA panel on contingent valuation. 58 *Federal Register* 4601 (January 15).
- Becker, G. S. (1974). A Theory of Social Interactions. *Journal of Political Economy*, 82, 1095-1117.
- Begges, S., Cardell, S., and Hausman, J. (1981). Assessing The Potential Demand for Electric Cars. *Journal of Econometrics*, 17(1), 1-19.
- Bergstrom, J. C., and Stoll, J. R. (1993). Value Estimator Models for Wetlands-Based Recreational Use Values. *Land Economics*, 69(2), 132-37.
- Bergstrom, J. C., Stoll, J. R., Titre, J. P., and Wright, V. L. (1990). Economic Value of Wetlands-Based Recreation. *Ecological Economics*, 2(2), 129-147.
- Bishop, R. C., and Heberlein, T. A. (1979). Measuring Values of Extra-Market Goods: An Indirect Measures Biased? *American Journal of Agricultural Economics*, 61(5), 926-930.
- Bockstael, N. E., McConnell, K. E., and Strand, I. (1991). Recreation. In J. B. Braden and C. D. Kolstad (Eds.), *Measuring the demand for environmental quality* (pp. 227-270). Amsterdam: Contributions to Economic Analysis, no. 198, North-Holland.
- Bohm, P. (1972). Estimating Demand for Public Goods: An Experiment. *European Economic Review*, 3, 111-130.
- Boyle, K. J., Welsh, M. P., and Bishop, R. C. (1993). The Role of Question Order and Respondent Experience in Contingent-Valuation Studies. *Journal of Environmental Economics and Management*, 25(1), S80-S99.
- Brown, G., Layton, D., and Lazo, J. (1994). Valuing Habitat and Endangered Species. Discussion paper no. 94-01. Institute for Economic Research, University of Washington.
- Buchanan, J. M. (1965). An Economic Theory of Clubs. *Economica*, 32, 1-14(「クラブの経済理論」、田中清和訳「公と私の経済学」多賀出版、143-158、1991年).
- Cameron, T. A. (1988). A New Pardigm for Valuing Non-market Goods Using Referendum Data: Maximum Likelihood Estimation by Censored Logistic Regression. *Journal of Environmental Economics and Management*, 15(3), 355-79.
- Cameron, T. A. (1991). Interval Estimates of Non-market Resource Values from Referendum Contingent

- Valuation Surveys. *Land Economics*, 67(4), 413-21.
- Cameron, T. A.(1992). Combining Contingent Valuation and Travel Cost Data for the Valuation of Nonmarket Goods, *Land Economics*, 68, 302-17.
- Cameron, T. A., and Huppert, D. D. (1987). Non-Market Resource Valuation: Assessment of Value Elicitation by "Payment Card" versus "Referendum" Methods. University of California at Los Angeles Department of Economics Working Paper: 448, July 1987 (pp. 48.).
- Cameron, T. A., and Huppert, D. D. (1991). Referendum Contingent Valuation Estimates: Sensitivity to the Assignment of Offered Values. *Journal of the American Statistical Association*, 86(416), 910-18.
- Cameron, T. A., and Quiggin, J. (1994). Estimation Using Contingent Valuation Data from a "Dichotomous Choice with Follow-up" Questionnaire. *Journal of Environmental Economics and Management*, 27(3), 218-34.
- Cameron, T. A., and James, M. D. (1987). Efficient Estimation Methods for "Closed-ended' Contingent Valuation Surveys. *Review of Economics and Statistics*, 69, 269-76.
- Carson, R. T. (1985). Three Essays on Contingent Valuation (Welfare Economics, Non-Market Goods, Water Quality). Ph.D. dissertation, Department of Agricultural and Resource Economics, University of California, Berkeley.
- Carson, R. T. (1991). Constructed Markets. In J. B. Braden and C. D. Kolstad (Eds.), *Measuring the demand for environmental quality. Contributions to Economic Analysis*, no. 198 (pp. 121-62.). New York: Amsterdam Oxford and Tokyo: North-Holland distributed in the U.S. and Canada by Elsevier Science.
- Carson, R. T., Mitchell, R. C., Hanemann, W. M., Kopp, R. J., Presser, S., and Ruud, P. A. (1992). A Contingent Valuation Study of Lost Passive Use Values Resultin from the Exxon Valdez Oil Spill. Report to the Attorney General of the State of Alasca. Natural Resource Damage Assessment, Inc., November.
- Carson, R. T., Meade, N. F., and Smith, V. K. (1993). Passive Use Values and Contingent Valuation. *Choices*, 8(2), 4-8.
- Carson, R. T., and Flores, N. E. (1994). A Second Look at 'Does Contingent Vauluation Measure Preferences?: Experimental Evidence' How Evident is the Evidence? How Compelling is the Evidence. unpublished paper. Department of Economics, University of California, San Diego, February.
- Carson, R. T., Hanemann, W. M., Kopp, R. J., Krosnick, J. A., Mitchell, R. C., Presser, S., Ruud, P. A., and Smith, V. K. (1994a). Prospective Interim Lost Use Value Due to DDT and PCB Contamination in the Sourthern California Bight: Volumes 1 and 2, Report to the National Oceanic and Atmospheric Administration, Natural Resources Damage Assessment, Inc., La Jolla, CA, September.
- Carson, R. T., Wilks, L., and Imber, D. (1994b). Valuing the Preservation of Australia's Kakadu Conservation Zone. *Oxford Economic Papers*, 46(5), 727-49.
- Carson, R. T. (1995). Contingent Valuation Surveys and Tests of Insensitivity to Scope. Discussion Paper San Diego: Department of Economics, University of California.
- Carson, R. T., and Flores, N. E. (1995). The Theory and Measurement of Passive Use Value.Discussion Paper San Diego: Department of Economics, University of California, San Diego.
- Carson, R. T., E. Flores, N., Martin, K. M., and Wright, J. L. (1996a). Contingent Valuation and Revealed Preference Methodologies: Comparing the Estimates for Quasi-Public Goods. *Land Economics*, 72(1), 80-99.
- Carson, R. T., Flores, N. E., and Meade, N. F. (1996b). Contingnet Valuation: Controversies and Evidence. Discussion Paper San Diego: Department of Economics, University of California, San Diego.
- Carson, R. T., Hanemann, W. M., Kopp, R. J., Krosnick, J. A., Mitchell, R. C., Presser, S., Ruud, P. A., and Smith, V. K. (1996c). Was the NOAA Panel Correct about Contingent Valuation? *Resources for*

- the Future Discussion Paper: 96-02, May
- Clawson, M. (1959). Methods of Measuring Demand for and Value of Outdoor Recreation. Reprint 10, Resources for the Future, Washington, D.C..
- Cooper, J., and Hanemann, W. M. (1995). Referendum Contingent Valuation: How Many Bounds Are Enough? USDA Economic Research Service, Food and Consumer Economics Division, working paper, May.
- Cooper, J. C. (1993). Optimal Bid Selection for Dichotomous Choice Contingent Valuation Surveys. *Journal of Environmental Economics and Management*, 24(1), 25-40.
- Cooper, J. C., and Loomis, J. B. (1993). Sensitivity of Willingness-to-Pay Estimates to Bid Design in Dichotomous Choice Valuation Models: Reply. *Land Economics*, 69(2), 203-08.
- Cox, D. R., and Oakes, D. (1984). Analysis of Survival Data. London; New York: Chapman and Hall.
- Creel, M., and Loomis, J. (1992). Recreation Value of Water to Wetlands in the San Joaquin Valley: Linked Multinomial Logit and Count Data Trip Frequency Models. *Water Resources Research*, 28(10), 2597-606.
- Cummings, R. G., Brookshire, D. S., and Schulze, W. D. (1986). An Assesment of the Contingent Valuation Method. Totowa: N. J. : Rowman and Allanheld.
- Davis, R. K. (1963). The Value of Outdoor Recreation: An Economic Study of Maine Woods. Cambridge, MA: Unpublished Ph.D. dissertation, Havard University.
- DeShazo, J. R. (1996). Using Prospect Theory to Explain Path Dependence in Iterative Willingness-to-Pay Questions. Revised Paper for the 1996 AERE Workshop, May 29, Taho City, CA.
- Desvouges, W. H., Gable, A. R., Dunford, R. W., and Hudson, S. P. (1993). Contingent Valuation: The Wrong Tool for Damage Assessment. *Choices*, 8(2), 9-11.
- Desvouges, W. H., Johnson, F. R., Dunford, R. W., Boyle, K. J., Hudson, S. P., and Wilson, K. N. (1992). Measuring Nonuse Damages Using Contingent Valuation: An Experimental Evaluation of Accuracy. Research Triangle Park, NC: Research Triangle Institute.
- Desvouges, W. H., Johnson, F. R., Dunford, R. W., Boyle, K. J., Hudson, S. P., and Wilson, K. N. (1993). Measuring Natural Resources Damages with Contingent Valuation: Tests of Validity and Reliability. In J. A. Hausman (Eds.), *Contingent valuation: A critical assessment* (pp. 91-164). Contributions to Economic Analysis, vol. 220. Amsterdam: North-Holland.
- Desvouges, W. H., Hudson, S. P., and Ruby, M. C. . (1996). Evaluating CV Performance: Separating the Light from the Heat. In D. J. Bjornstad & J. R. Kahn (Eds.), *The Contingent Valuation of Environmental Resources: Methodological Issues and Resarch Needs* (pp. 117-144). Cheltenham: UK: Edward Elgar.
- Diamond, P. A., and Hausman, J. A. (1994). Contingent Valuation: Is Some Number Better than No Number? *Journal of Economic Perspectives*, 8(4), 45-64.
- Diamond, P. A., Hausman, J. A., Leonald, G. K., and Denning, M. A. (1993). Does Contingnet Valuation Meaure Preferences? Experimental Evidence. In J. A. Hausman (Eds.), *Contingent valuation: A critical assessment Contributions to Economic Analysis*, vol. 220. Amsterdam: North-Holland.
- Doane, M. J., Hartman, R. S., and Woo, C. K. (1988). Household Preference for Interruptible Rate Options and Revealed Value of Service Reliability. *The Energy Journal*, 9(0), 121-134.
- Duffield, J. W., and Patterson, D. A. (1991). Inference and Optimal Design for a Welfare Measure in Dichotomous Choice Contingent Valuation. *Land Economics*, 67(2), 225-39.
- E.P.A. (1994). Comments on Proposed NOAA/DOI Regulations on Natural Resource Damage Assessment. Washington D.C.:
- Farber, S. C. (1987). The Value of Coastal Wetlands for Protection of Property against Hurricane Wind Damage. *Journal of Environmental Economics and Management*, 14(2), 143-51.
- Farber, S. C. (1988). The Value of Coastal Wetlands for Recreation: an Application of Travel Cost and Contingent Valuation Methodologies. *Journal of Environmental Managment*, 26, 299-312.

- Farber, S. C., and Costanza, R. (1987). The Economic Value of Wetlands Systems. *Journal of Environmental Management*, 24, 41-51.
- Fischhoff, B., and Furby, L. (1988). Measuring Values: A Conceptual Framework for Interpreting Transactions with Special Reference to Contingent Valuation of Visibility. *Journal of Risk and Uncertainty*, 1 (2), 147-184.
- Freeman, A. M., III. (1993a). *The measurement of environmental and resource values: Theory and methods*. Washington, D.C.: Resources for the Future.
- Freeman, A. M., III. (1993). Nonuse Values in Natural Resource Damage Assessment. In R. J. Kopp & V. K. Smith (Eds.), *Valuing Natural Assets: The Economics of Natural Resource Damage Assessment* (pp. 264-303). Washington, D.C.: Resources for the Future.
- G.A.O. (1996). Bureau of Reclamation: An Assessment of the Environmental Impact Statement on the Operation of the Glen Canyon Dam. Report to Congressional Committess. GAO/RCED-87-12, October.
- Hagen, D. A., Vincent, J. W., and Welle, P. G. (1992). Benefits of Preserving Old-Growth Forests and the Spotted Owl. *Contemporary Policy Issues*, 10(2), 13-26.
- Hajivassiliou, V. A., McFadden, D. L., and Ruud, P. A. (1992). Simulation of Multivariate Normal Orthant Probabilities: Method and Programs. mimeo, Cowles Foundation for Research in Economics, Yale University.
- Hammack, J., and Brown, G. M. J. (1974). *Waterfowl and Wetland: Toward Bioeconomic Analysis*. Baltimore: Johns Hopkins University Press.
- Hanemann, M., Loomis, J., and Kanninen, B. (1991). Statistical Efficiency of Double-Bounded Dichotomous Choice Contingent Valuation. *American Journal of Agricultural Economics*, 73(4), 1255-63.
- Hanemann, W. M. (1984). Welfare Evaluations in Contingent Valuation Experiments with Discrete Responses. *American Journal of Agricultural Economics*, 66, 332-41.
- Hanemann, W. M. (1985). Some Issues in Continuous- and Discrete-Response Contingent Valuation Studies. *Northeastern Journal of Agricultural Economics*, 14, 5-13.
- Hanemann, W. M. (1991). Willingness to Pay and Willingness to Accept: How Much Can They Differ? *American Economic Review*, 81(3), 635-47.
- Hanemann, W. M. (1994). Valuing the Environment through Contingent Valuation. *Journal of Economic Perspectives*, 8(4), 19-43.
- Hanemann, W. M. (1995). Contingent Valuation and Economics. University of California at Berkeley, Department of Agricultural and Resource Economics, Working Paper: 697, April.
- Hanemann, W. M., and Kanninen, B. J. (1996). The Statistical Analysis of Discrete-Response CV Data. University of California at Berkeley, Department of Agricultural and Resource Economics, Working Paper: 798, June.
- Hanemann, W. M., and Kristrom, B. (1995). Preference Uncertainty, Optimal Designs and Spikes. In P. O. Johansson, B. Kristrom, and K. G. Maler eds. (Eds.), *Current issues in environmental economics* (pp. 58-77). Manchester: Manchester University Press.
- Harrison, G. W., & Kristrom, B. (1995). On the interpretation of responses in contingent valuation surveys. In P.-O. Johansson, B. Kristrom, & K.-G. Maler (Eds.), *Current Issues in Environmental Economics* (pp. 35-57). Manchester: UK: Manchester University Press.
- Hartman, R. S., Doane, M. J., and Woo, C. K. (1991). Consumer Rationality and the Status Quo. *Quarterly Journal of Economics*, 106(1), 141-162.
- Hausman, J. A. (1993). Contingent valuation: A critical assessment. *Contributions to Economic Analysis*, vol. 220. Amsterdam;: North-Holland. pp503.
- Hausman, J. A., and Wise, D. A. (1978). A Conditional Probit Model for Qualitative Choice: Discrete Decision Recognizing Interdependence and Heterogeneous Preferences. *Econometrica*, 46(2), 403-426.
- Herriges, J. A., and Shogren, J. F. (1996). Starting Point Bias in Dichotomous Choice Valuation with Follow-

- Up Questioning. *Journal of Environmental Economics and Management*, 30(1), 112-131.
- Hoehn, and Loomis (1995). Valuing Multiple Programs. *Journal of Environmental Economics and Management*, 25(1), 56-75.
- Hoehn, J. P., and Randall, A. (1987). A Satisfactory Benefit Cost Indicator from Contingent Valuation. *Journal of Environmental Economics and Management*, 14(3), 226-47.
- Johansson, P.-O. (1987). The economic theory and measurement of environmental benefits.. Cambridge; New York and Sydney: Cambridge University Press.(嘉田良平監訳「環境評価の経済学」多賀出版、1994年)
- Johansson, P.-O., Kristrom, B., & Maler, K. G. (1989). Welfare Evaluations in Contingent Valuation Experiments with DiscreteResponse Data: Comment. *American Journal of Agricultural Economics*, 71, 1054-56.
- Johansson, P. O. (1993). Cost-benefit analysis of environmental change. Cambridge: Cambridge University Press.
- Johnson, F. R. and Desvouges, W.H. (1997). "Estimating Stated Preferences with Rated-Pair Data: Environmental, Health, and Employment Effects of Energey Programs." *Journal of Environmental Economics and Management*, 34(1), 79-99.
- Kahneman, D., and Knetsch, J. L. (1992). Valuing Public Goods: The Purchase of Moral Satisfaction. *Journal of Environmental Economics and Management*, 22(1), 57-70.
- Kanninen, B. J. (1993a). Design of Sequential Experiments for Contingent Valuation Studies. *Journal of Environmental Economics and Management*, 25(1), S1-S11.
- Kanninen, B. J. (1993b). Optimal Experimental Design for Double-Bounded Dichotomous Choice Contingent Valuation: Erratum. *Land Economics*, 69(4), 443.
- Kanninen, B. J., and Kristrom, B. (1993). Sensitivity of Willingness-to-Pay Estimates to Bid Design in Dichotomous Choice Valuation Models: Comment. *Land Economics*, 69(2), 199-202.
- Kopp, R. J. (1992). Why Existence Value Should Be Used in Cost-Benefit Analysis. *Journal of Policy Analysis and Management*, 11(1), 123-30.
- Kopp, R. J., & Smith, V. K. (1993). Valuing Natural Assets: The Economics of Natural Resource Damage Assessment. Washington, D.C.: Resources for the Future.
- Kopp, R. J., and Pease, K. A. (1996). Contingent Valuation: Economics, Law and Politics. Washington D.C.: Resources for the Future Discussion Paper: 95-26, January.
- Krinsky, I., and Robb, A. (1986). Approximating the Statistical Properties of Elasticities. *Review of Economics and Statistics*, 68, 715-719.
- Lankford, R. H. (1988). Measuring Welfare Changes in Settings with Imposed Quantities. *Journal of Environmental Economics and Management*, 15(1), 45-63.
- Lareau, T. J., and Rae, D. A. (1989). Valuing WTP for Diesel Odor Reductions: An Application of Contingent Ranking Technique. *Southern Economic Journal*, 55(3), 728-742.
- Layout, D. F. (1995). Specifying and Testing Econometric Models for Stated Preference Surveys. Ph.D. dissertation, Department of Economics, University of Washington, Seattle.
- Layout, D. F. (1996). Rank Ordered, Random Coefficients Multinomial Probit Models for Stated Preference Surveys: An Investigation of Preference Heteorgeneity, IIA, and Contingent Ranking Data. Paper presented 1996 AERE Workshop, Tahoe City, California.
- Loomis, J. B., et al. (1991). Willingness to Pay to Protect Wetlands and Reduce Wildlife Contamination from Agricultural Drainage. In Dinar, Ariel Zilberman, David, eds. *The economics and management of water and drainage in agriculture*. Norwell, Mass. and Dordrecht: Kluwer Academic, 1991 (pp. 411-29.). United-States:
- Loomis, J. B. (1993). Integrated Public Lands Management. Principles and Applications to National Forests, Parks, Wildlife Refuges, and BLM Lands. New York: Columbia University Press.
- Loomis, J., Gonzalez Caban, A., and Gregory, R. (1994). Do Reminders of Substitutes and Budget Constraints

- Influence Contingent Valuation Estimates? *Land Economics*, 70(4), 499-506.
- Loomis, J. B., Lockwood, M., and DeLacy, T. (1993). Some Empirical Evidence on Embedding Effects in Contingent Valuation of Forest Protection. *Journal of Environmental Economics and Management*, 25(1), 45-55.
- Loomis, J. B. (1996). Measuring the Economic Benefits of Removing Dams and Restoring the Elwha River: Results of a Contingent Valuation Survey. *Water Resources Research*, 32(2), 441-447.
- Lynne, G. D., Conroy, P., and Prochaska, F. J. (1981). Economic Valuation of Marsh Areas for Marine Production Processes. *Journal of Environmental Economics and Management*, 8(2), 175-86.
- Maddala, G. S. (1983). Limited-Dependent and Qualitative Variables in Econometrics. Cambridge U.K.: Cambridge University Press.
- MacKenzie, J. (1993) A Comparison of Contingent Preference Models. *American Journal of Agriculture Economics*, Vol. 75, pp. 593-603.
- McConnell, K. E. (1990). Models for Referendum Data: The Structure of Discrete Choice Models for Contingent Valuation. *Journal of Environmental Economics and Management*, 18(1), 19-34.
- McConnell, K. E., and Quiggin, J. (1996). WTP/WTA Differentials: A Test of Competing Explanations. AERE meeting in Allied Social Science Associations, San Francisco, United States
- McFadden, D. (1974). Conditional Logit Analysis of Qualitative Choice Behavior. In P. Zarembka (Eds.), *Frontiers in Econometrics* New York: Academic Press.
- McFadden, D. (1989). A Method of Simulated Moments for Estimation of Discrete Response Models without Numerical Integration. *Econometrica*, 57(5), 995-1026.
- Mitchell, R. C., and Carson, R. T. (1989). Using Surveys to Value Public Goods: The Contingent Valuation Method. Washington, D. C.: Resources for the Future.
- Mäler, K. G. (1974). Environmental Economics: A theoretical inquiry. Baltimore MD: Johns Hopkins University Press for Resources for the Future.
- Neary, J. P., and Roberts, W. S. (1980). The Theory of Household Behavior Under Rationing. *European Economic Review*, 13(2), 23-42.
- Nelson, W. (1982). Applied Life Data Analysis. New York: Wiley.
- Nyquist, H. (1992). Optimal Designs of Discrete Response Experiments in Contingent Valuation Studies. *Review of Economics and Statistics*, 74(3), 559-63.
- Olsen, M. (1965). The Logic of Collective Action. Harvard: Harvard University Press.
- Opaluch, J.J., Swallow, S., Weaver, T., and Wichlens, D. (1993). Evaluating Impacts from Noxious Facilities: Including Public Preferences in Current Siting Mechanisms. *Journal of Environmental Economics and Management*, 24, 41-59.
- Pakes, A., and Pollard, D. (1989). Simulation and the Asymptotics of Optimization Estimators. *Econometrica*, 57(5), 1027-1057.
- Park, T. A., Loomis, J. B., and Creel, M. (1991). Confidence Intervals for Evaluating Benefits Estimates from Dichotomous Choice Contingent Valuation Studies. *Land Economics*, 67(1), 64-73.
- Pearce, D., and Moran, D. (1994). The Economic Value of Biodiversity. London: Earthscan.
- Portney, P. R. (1994). The Contingent Valuation Debate: Why Economists Should Care. *Journal of Economic Perspectives*, 8(4), 3-17.
- Quiggin, J. (1993). Existence Value and Benefit-Cost Analysis: A Third View. *Journal of Policy Analysis and Management*, 12, 195-199.
- Rae, D. A. (1983). The Value to Visitors of Improving Visibility at Mesa Verde and Great Smoky National Parks. In R. D. Rowe and L. G. Chestnut (Eds.), *Managing Air Quality and Scenic Resources at National Parks*. Boulder, CO.: Westview Press.
- Randall, A. (1993). Passive-Use Values and Contingent Valuation: Valid for Damage Assessment. *Choices*, 8 (2), 12-15.
- Randall, A., and Stoll, J. R. (1980). Consumer's Surplus in Commodity Space. *American Economic Review*, 70

- (3), 449-455.
- Ready, R. C., and Hu, D. (1995). Statistical Approaches to the Fat Tail Problem for Dichotomous Choice Contingent Valuation. *Land Economics*, 71(4), 491-99.
- Roe, B., Boyle, K., and Teisl, M. (1996) Using Conjoint Analysis to Derive Estimates of Compensating Variation. *Journal of Environmental Economics and Management.*, 31(2), pp. 145-159.
- Rosen, S. (1974). Hedonic Prices and Implicit Markets: Product Differentiation in Pure Competition. *Journal of Political Economy*, 82(1), 34-55.
- Rosenthal, D. H., and Nelson, R. H. (1992). Why Existence Value Should Not Be Used in Cost-Benefit Analysis. *Journal of Policy Analysis and Management*, 11(1), 116-22.
- Rubin, J., Helfand, G., and Loomis, J. (1991). A Benefit-Cost Analysis of the Northern Spotted Owl. *Journal of Forestry*, 89(12), 25-30.
- Samuelson, P. A. (1954). The Pure Theory of Public Expenditure. *Review of Economics and Statistics*, 36, 387-9 (水野正一訳「公共支出と課税の純粹理論」篠原三代平・佐藤隆三編「サミュエルソン経済学体系 7 厚生および公共経済学」、1991年).
- Sappideen, B. (1992). Valuing the Recreation Benefits of Sale Wetlands using Contingent Valuation. In M. Lockwood and T. DeLacy (Eds.), *Valuing Natural Areas: Applications and Problems of the Contingent Valuation Method* (pp. 39-46). Albury, New South Wales, Australia: Johnstone Centre of Parks, Recreation and Heritage.
- Schkade, D. A., and Payne, J. W. (1993). Where Do the Numbers Come From? How People Respond to Contingent Valuation Questions. In J. A. Hausman (Eds.), *Contingent valuation: A critical assessment* (pp. 271-303). Contributions to Economic Analysis, vol. 220. Amsterdam: North-Holland.
- Schkade, D. A., and Payne, J. W. (1994). How People Respond to Contingent Valuation Questions: A Verbal Protocol Analysis of Willingness to Pay for an Environmental Regulation. *Journal of Environmental Economics and Management*, 26(1), 88-109.
- Schulze, W. D., McClelland, G., Balisteri, E., Boyce, R., Doane, M., Hurd, B., and Simenauer, R. (1994). An Evaluation of Public Preferences for Superfund Site Cleanup Volume 2: Pilot Study. report prepared for US EPA.
- Smith, V. K. (1992). Arbitrary Values, Good Causes, and Premature Verdicts: Comment. *Journal of Environmental Economics and Management*, 22(1), 71-89.
- Smith, V. K., and Desvouges, W. H. (1986). Measuring water quality benefits. *International Series in Economic Modeling*, Norwell, Mass. Lancaster and Dordrecht: Kluwer Academic, Kluwer-Nijhoff.
- Smith, V. K., and Osborne, L. L. (1996). Do Contingent Valuation Estimates Pass a "Scop" Test? A Meta-analysis. *Journal of Environmental Economics and Management*, 31(3), 287-301.
- Stone, A. (1992). Contingent Valuation of the Barmah Wetlands, Victoria. In M. Lockwood and T. DeLacy (Eds.), *Valuing Natural Areas: Applications and Problems of the Contingent Valuation Method* (pp. 47-76). Albury, New South Wales, Australia:
- Strand, J. (1981). Valuation of Fresh Water as a Public Good in Norway. Mimeo, Department of Economics, University of Oslo, Norway.
- Takeuchi, K., and Ueta, K. (1996) Another scope test on nonuse value of Shimanto river, Japan. Working Paper no.39, Kyoto University.
- Thaler, R. (1980). Toward a Positive Theory of Consumer Choice. *Journal of Economic Behavior and Organization*, 1(1), 39-60.
- Thibodeau, F. R., and Ostro, B. D. (1981). An Economic Analysis of Wetland Protection. *Journal of Environmental Management*, 12, 19-30.
- Turner, R. K., Pearce, D., and Bateman, I. (1994). Environmental Economics. Harvester Wheatsheaf.
- van Kooten, G. C. (1993). Bioeconomic Evaluation of Government Agricultural Programs on Wetlands

- Conversion. *Land Economics*, 69(1), 27-38.
- Walsh, R. G., Johnson, D. M., and McKean, J. R. (1992). Benefit Transfer of Outdoor Recreation Demand Studies, 1968-1988. *Water Resources Research*, 28(3), 707-13.
- Whitehead, J. C., and Blomquist, G. C. (1991). Measuring Contingent Values for Wetlands: Effects of Information about Related Environmental Goods. *Water Resources Research*, 27(10), 2523-31.
- Willig, R. D. (1976). Consumer's surplus without apology. *American Economic Review*, 66, 589-597.