

Robin Scott Gregory

January 2011

BORN: October 6, 1950, Berkeley, California, USA

OFFICE ADDRESS: Decision Research & Value Scope Research, Inc.
1160 Devina Drive
RR2, Site 52, Comp 4
Galiano, B.C. Canada V0N 1P0
tel (250) 539-5701 or (541) 485-2400 (Decision Research, Oregon)
e-mail: rgregory@interchange.ubc.ca

STATUS: Married to Terry, two children (Shaun & Nicole)
Canadian citizen & U.S. citizen

EDUCATION:

1972 B.A. (Economics) Yale University, New Haven, Connecticut
1974 M.A. (Environmental Economics) University of British Columbia, Vancouver, Canada
1982 Ph.D. (Economics & Psychology: Interdisciplinary Studies) UBC, Vancouver

PROFESSIONAL POSITIONS:

current Senior Researcher, Decision Research (Head office: Eugene, Oregon)
Professor, School of Environmental Studies, University of Victoria
Associate Director, Eco-Risk Research Unit, University of British Columbia
Director, Value Scope Research, Inc.

1994 - 1995 Special Advisor, United Nations Institute for Training and Research, Geneva, Switzerland

1991 - 1994 Visiting Professor of Decision Sciences, College of Business Administration, University of Oregon

1988 - 1989 Program Manager, Decision, Risk, and Management Science (DRMS) National Science Foundation, Washington, DC

1986 - 1989 Visiting Assistant Professor, Department of Economics and Department of Public Policy, Planning, and Management, University of Oregon

1982 - 1984 Assistant Professor, Department of Economics, Keene State College, Keene, New Hampshire

FIELDS OF SPECIALIZATION

Structured decision making / environmental decision analysis
Stakeholder involvement in risk and environmental deliberations
Evaluation of nonmarket benefits and costs
Environmental policy choices under uncertainty: learning and adaptive management
Choice and preference behavior: economics and psychology of value
Multi-attribute compensation and mitigation for environmental damages

PROFESSIONAL ASSOCIATIONS:

Society for Risk Analysis

International Society for Ecological Economics

Association of Environmental and Resource Economists

Institute for Operations Research and the Management Sciences

COURSES TAUGHT (SELECTED):

Environmental risk management

Community participation in environmental decisions

Environmental issues and choices

Policy analysis

Economics of the environment

Decision analysis

Decision analysis and negotiations

Stakeholder participation and conflict resolution

Judgement and decision making

PROFESSIONAL SERVICE (SELECTED):

Editorial board, Environmental Values (current)

Editorial council, Journal of Environmental Economics and Management

Fellow, Society of Risk Analysis

Panel member, National Science Foundation, Decision Risk and Management Sciences

GRADUATE STUDENTS (PHD):

Delanie Kellon (Michigan State University), current; Jamie Donatuto (University of British Columbia); Joseph Arvai (University of British Columbia); Bernhard Borges (Simon Fraser University); Terre Satterfield (University of New Mexico).

REFEREED PUBLICATIONS (SELECTED):

- Gregory, N., & Gregory, R. (2010). A values-based framework for community food choices. *Environmental Values*, 19, 99-119.
- Gregory, R. & Long, G. 2009. Using structured decision making to help implement a precautionary approach to endangered species management. *Risk Analysis* 9: 518-532.
- Gregory, R. & Trousdale, W. 2009. Compensating aboriginal cultural losses: An alternative approach to assessing environmental damages. *Journal of Environmental Management* 90: 2469-2479.
- Gregory, R., Failing, L. & Harstone, M. 2008. Meaningful resource consultations with First Peoples: Notes from British Columbia. *Environment* 50: 34-45.
- Turner, N., Gregory, R., Brooks, C., Failing, L. & Satterfield, T. 2008. From invisibility to transparency: identifying the implications of "invisible losses" to First Nations communities. *Ecology and Society*.
- Arvai, J., Gregory, R. & Zaksek, M. 2008. Improving management decisions. In W. Martin, C. Raish & B. Kent (Eds), *Wildfire risk: Human perceptions and management implications* (pp 173-193). Washington D.C.: Resources for the Future.
- Failing, L., Gregory, R. & Harstone, M. (2007). Integrating Science and Local Knowledge in Environmental Risk Management: A Decision-Focused Approach. *Ecological Economics* 64: 47-60.
- Lichtenstein, S., Gregory, R. & Irwin, J. (2007). What's bad is easy: Taboo values, affect, and cognition. *Judgment and Decision Making* 2: 169-188.
- Gregory, R., Ohlson, D. & Arvai, J. (2006). Deconstructing adaptive management: Criteria for applications to environmental management. *Ecological Applications* 16 (6): 2411-2425.
- Gregory, R., Failing, L., Ohlson, D. & McDaniels, T. (2006). Some pitfalls of an overemphasis on science in environmental risk management decisions. *Journal of Risk Research* 9: 717-736.
- Gregory, R., Failing, L. & Higgins, P. (2006). Adaptive management and environmental decision making: A case study application to water use planning. *Ecological Economics* 58: 434-447.
- Arvai, J., Gregory, R., Olson, D., Blackwell, B. & Gray, R. (2006). Letdowns, wake-up calls, and constructed preferences: People's responses to fuel and wildfire risks. *Journal of Forestry*: 173-181.
- Gregory, R., Fischhoff, B. & McDaniels, T. (2005). *Acceptable Input: Using decision*

analysis to guide public policy deliberations. *Decision Analysis* 2: 4-16.

Keeney, R. & Gregory, R. (2005). Selecting attributes to measure the achievement of objectives. *Operations Research* 53: 1-11.

Gregory, R. Valuing risk management choices. (2004). In T. McDaniels and M. Small (Eds.), *Risk analysis and society: An interdisciplinary characterization of the Field*. New York: Cambridge University Press.

Pidgeon, N. & Gregory, R. (2004). Judgement, Decision, and Public Policy. In D. Koehler & N. Harvey (Eds.), *Handbook of Judgement and Decision Making* (pp 604-623). Blackwell, Oxford, U.K.

McDaniels, T. & Gregory, R. (2004). Learning as an objective within a structured risk management decision process. *Environmental Science and Technology* 38: 1921-1926.

Trousdale, W. & Gregory, R. (2004). Property Evaluation and Biodiversity Conservation: Decision support for making hard choices. *Ecological Economics* 48: 279-291.

Gregory, R., Fischhoff, B., Thorne, S. & Butte, G. (2003). A multi-channel stakeholder consultation process for transmission deregulation. *Energy Policy* 31: 1291-1299.

Arvai, J. & Gregory, R. (2003). Testing alternative decision approaches for identifying cleanup priorities at contaminated sites. *Environmental Science & Technology* 37: 1469-1476.

Failing, L. & Gregory, R. (2003). Ten common mistakes in designing biodiversity indicators for forest policy. *Journal of Environmental Management* 68: 121-132.

McDaniels, T., Gregory, R., Arvai, J. & Chuenpagdee, R. (2003). Decision structuring to alleviate embedding in environmental valuation. *Ecological Economics* 46: 33-46.

Peters, E., Slovic, P. & Gregory, R. (2003). The role of affect in the WTA/WTP Failing. *Journal of Behavioral Decision Making* 16: 303-330.

Gregory, R. & Keeney, R. (2002). Making smarter environmental management decisions. *Journal of the American Water Association* 38: 1601-1612.

Gregory, R. (2002). Incorporating value tradeoffs into community-based environmental risk decisions. *Environmental Values* 11: 461-488.

Arvai, J. McDaniels, T. & Gregory, R. (2002). Exploring a structured decision approach as a means of fostering participatory space policy making at NASA. *Space Policy* 18: 221-231.

Gregory, R & Satterfield, R. (2002). *Beyond Perception: The Experience of Risk and*

Stigma in Community Contexts. *Risk Analysis* 22: 347-358.

Gregory, R. & Failing, L. (2002). Using decision analysis to encourage sound deliberation: Water use planning in British Columbia, Canada. *Journal of Policy Analysis and Management* 21: 492-499.

Gregory, R., Arvai, J. & McDaniels, T. (2001). Value-focused thinking for environmental risk consultations. *Research in Social Problems and Public Policy* 9: 249-274.

Arvai, J., Gregory, R. & McDaniels, T. (2001). Testing a structured decision approach: Value-focused thinking for deliberative risk communication. *Risk Analysis* 21: 1065-1076.

Gregory, R., McDaniels, T. & Fields, D. (2001). Decision Aiding, Not Dispute Resolution: Creating Insights Through Structured Environmental Decisions. *Journal of Policy Analysis and Management* 20: 415-432.

Gregory, R. & Wellman, K. (2001). Bringing stakeholder values into environmental policy choices: A community-based estuary case study. *Ecol Economics* 39: 37-52.

Russell, C., Dale, V., Lee, J., Jensen, M., Kane, M. & Gregory, R. (2001). Experimenting with Multi-Attribute Utility Survey Methods in a Multidimensional Valuation Problem. *Ecological Economics* 36: 87-108.

Gregory, R. (2000). Using Stakeholder Values to Make Smarter Environmental Management Decisions. *Environment* 42: 34-44.

Gregory, R. (2000). Valuing Environmental Policy Options: A Case-Study Comparison of Multiattribute and Contingent Valuation Survey Methods. *Land Economics* 76: 151-173.

Clemen, R. & Gregory, R. (2000). Preparing adult students to be better decision makers. In I. Gal (Ed.), *Adult numeracy development: Theory, research, practice*. Hampton Press, New Jersey.

Satterfield, T., Slovic, P. & Gregory, R. (2000). Narrative Valuation in a Policy Judgment Context. *Ecological Economics* 34: 315-331.

Gregory, R. (1999). Identifying Environmental Values. In *Tools to Aid Environmental Decision Making*. Ed. M. English & V. Dale. Springer-Verlag, New York.

Gregory, R. (1999). Commentary on "Measuring Constructed Preferences: Towards a Building Code." *Journal of Risk and Uncertainty* 19: 273-275.

Brown, T., & Gregory, R. (1999). Why the WTA-WTP Disparity Matters. *Ecological Economics* 28: 323-335.

McDaniels, T., Gregory, R. & Fields, D. (1999). Democratizing Risk Management: Successful Public Involvement in Local Water Management Decisions. *Risk Analysis* 19: 497-510.

- Slovic, P. & Gregory, R. (1999). Risk Analysis, Decision Analysis, and the Social Context for Risk Decision Making. In J. Shanteau, B. Mellers & D. Schum (Eds). *Decision Research from Bayesian Approaches to Normative Systems: Reflections on the Contributions of Ward Edwards*. Kluwer Publishers, Norwell, Massachusetts.
- Satterfield, T. & Gregory, R. (1998). Reconciling Environmental Values and Pragmatic Choices. *Society & Natural Resources* 11: 629-647.
- Wagner, R., Flynn, J., Gregory, R., Mertz, C.K. & Slovic, P. (1998). Acceptable practices in Ontario's forests: Differences between the public and forestry professionals. *New Forests* 16: 139-154.
- Wagner, R., Flynn, J. & Gregory, R. (1998). Public perceptions of risk and acceptability of forest vegetation management alternatives in Ontario. *The Forestry Chronicle* 74: 720-727.
- Gregory, R. & Slovic, P. (1997). A Constructive Approach to Environmental Valuation. *Ecological Economics* 21: 175-181.
- Gregory, R., Flynn, J., Johnson, S., Satterfield, T., Slovic, P. & Wagner, R. (1997). Decision Pathway Surveys: A Tool for Resource Managers. *Land Economics* 73: 240-254.
- Wellman, K., Nugent, R. & Gregory, R. (1997). Assessing Stakeholder Values for Salmon Restoration in Willapa Bay, Washington. *Interact: The Journal of Public Participation* 3: 38-56.
- Gregory, R., Slovic, P. & Flynn, J. (1996). Risk perceptions, stigma, and health policy. *Health & Place* 2: 213-220.
- Gregory, R. & vonWinterfeldt, D. (1996). The effects of electromagnetic fields from transmission lines on public fears and property values. *Journal of Environmental Management* 48: 201-214.
- Gregory, R., Brown, T. & Knetsch, J. (1996). Valuing risks to the environment. *The Annals of the American Academy of Political and Social Science* 545: 54-63.
- Gregory, R., Lichtenstein, S., Brown, T., Peterson, G. & Slovic, P. (1995). How precise are monetary representations of environmental improvements? *Land Economics* 71: 462-473.
- Gregory, R., Flynn, J. & Slovic, P. (1995). Technological stigma. *American Scientist* 83: 220-223.
- Gregory, R. & Keeney, R. L. (1994). Creating policy alternatives using stakeholder values. *Management Science* 40:1035-1048.
- Gregory, R. & Lichtenstein, S. (1994). A hint of risk: Tradeoffs between quantitative and qualitative risk factors. *Risk Analysis*, 14(2), 199-206.
- Loomis, J., Gonzalez-Caban, A. & Gregory, R. (1994). Do reminders of substitutes and budget constraints influence contingent valuation estimates? *Land Economics* 70: 499-506.
- Slovic, P., Flynn, J. & Gregory, R. (1994). Stigma happens: Social problems in the siting of

- nuclear waste facilities. *Risk Analysis*, 14(5), 773-777.
- Gregory, R., Lichtenstein, S. & MacGregor, D. (1993). The role of past states in determining reference points for policy decisions. *Organizational Behavior and Human Decision Processes* 55: 195-206.
- Gregory, R., Lichtenstein, S. & Slovic, P. (1993). Valuing environmental resources: A constructive approach. *Journal of Risk and Uncertainty* 7: 177-197.
- Gregory, R. & Mendelsohn, R. (1993). Perceived risk, dread, and benefits. *Risk Analysis* 13: 259-264.
- Gregory, R., MacGregor, D. & Lichtenstein, S. (1992). Assessing the quality of expressed preference measures of value. *Journal of Economic Behavior and Organization* 17: 277-292.
- Gregory, R., Keeney, R. & von Winterfeldt, D. (1992). Adapting the environmental impact statement process to inform decision makers. *Journal of Policy Analysis and Management* 11: 58-75.
- Gregory, R. (1991). Critical thinking for environmental health risk education. *Health Education Quarterly* 18: 273-284.
- Gregory, R., Kunreuther, H., Easterling, D. & Richards, K. (1991). Incentives policies to site hazardous waste facilities. *Risk Analysis*, 667-675.
- McDaniels, T. & Gregory, R. (1991). A framework for structuring cross-cultural research on risk and decision making. *Journal of Cross-Cultural Psychology* 22: 103-128.
- Gregory, R. & Kunreuther, H. (1990). Successful siting incentives. *Journal of Civil Engineering* 60: 73-75.
- Gregory, R., Mendelsohn, R. & Moore, T. (1989). Measuring the benefits of Endangered species preservation: From research to policy. *Journal of Environmental Management* 29: 399-407.
- Gregory, R., Niemi, E. & Mendelsohn, R. (1989). A model for evaluating the impacts Of forest management regulations. *Journal of Environmental Management* 29: 129-144.
- Furby, L., Gregory, R., Slovic, P. & Fischhoff, B. (1988). Electric power transmission lines, property values, and compensation. *Journal of Environmental Management* 27: 69-83.
- Furby, L., Slovic, P., Fischhoff, B. & Gregory, R. (1988). Public perceptions of electric power transmission lines. *Journal of Environmental Psychology* 8: 19-43.
- Fischhoff, B., Furby, L. & Gregory, R. (1987). Evaluating voluntary risks of injury. *Accident Analysis and Prevention* 19: 51-62.
- Gregory, R. (1987). Nonmonetary measures of nonmarket fishery resource benefits. *Transactions of the American Fisheries Society* 116: 374-380.

-
- Gregory, R. & Furby, L. (1987). Auctions, experiments and contingent valuation. *Public Choice* 55: 273-289.
- Gregory, R. & Lichtenstein, S. (1987). A review of the high-level nuclear waste repository siting analysis. *Risk Analysis* 7: 219-223.
- Gregory, R. & McDaniels, T. (1987). Valuing environmental losses: What promise does the right measure hold? *Policy Sciences* 20: 11-26.
- Gregory, R. (1986). Interpreting measures of economic loss: Evidence from contingent valuation and experimental studies. *Journal of Environmental Economics and Management* 13: 325-337.

BOOKS:

- Peterson, G. L., Driver, B. L. & Gregory R. (Eds.). (1988). *Amenity resource valuation: Integrating economics with other disciplines*. State College, PA: Venture.
- Gregory, R., L. Failing, M. Harstone, G. Long, T. McDaniels, D. Ohlson. (in preparation). *Structured Decision Making: A Practical Guide to Environmental Management Choices*. To be published by Blackwell – Wiley Publishing Company, Fall 2010.