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

OFFICE ADDRESS: Decision Research & ChoiceWorks Ltd.

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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
1982	Ph.D.	(Economics & Psychology: Interdisciplinary Studies) UBC, Vancouver

PROFESSIONAL POSITIONS

current	Senior Research Scientist, Decision Research (Head office: Eugene, Oregon)
	Director, ChoiceWorks Ltd. (Halfmoon Bay, Sunshine Coast, BC)
	Adjunct Professor, Institute for Resources and Environmental Sustainability, University of British Columbia
1994–1995	Special Advisor, UN Institute for Training and Research, Geneva
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

Assistant Professor, Dept of Economics, Keene State College, Keene NH

FIELDS OF SPECIALIZATION

1982–1984

Methods for identifying and evaluating social and cultural values

Structured decision making for environmental management consultations

Improving decision-making skills of K-12 students

Community & Indigenous involvement in risk and environmental decisions

Environmental policy choices under uncertainty: learning and adaptive management

Choice and preference behavior: economics and psychology of value

PROFESSIONAL ASSOCIATIONS

Society for Risk Analysis International Society for Ecological Economics Society for Judgment and Decision Making

Courses Taught (Selected)

Environmental risk management

Community participation in environmental decisions

Environmental issues and choices

Policy analysis: a global perspective

Economics of the environment

Growing a good decision maker: decision skills for K-12 students

Decision analysis and negotiations

Stakeholder participation and conflict resolution

Judgment and decision making

PROFESSIONAL SERVICE (SELECTED)

Editorial board, Environmental Values

Editorial council, Journal of Environmental Economics and Management

Fellow, Society for Risk Analysis

Panel member, National Science Foundation, Decision Risk and Management Sciences 2021 Volunteer of the Year, Society of Decision Professionals

GRADUATE STUDENTS (PHD)

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

SELECTED PUBLICATIONS

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- Hagerman, S., Satterfield, T., Nawaz, S., Peterson St-Laurent, G., Kozak, R., Gregory, R. (2021). Social comfort zones for transformative conservation decisions in a changing climate. *Conservation Biology* 35: 1932-1943.
- Dieckmann, N. F., Gregory, R., Satterfield, T., Mayorga, M., & Slovic, P. (2021). Characterizing public perceptions of social and cultural impacts in policy decisions. *PNAS: Proceedings of the National Academies of Science, Vol 118, No 24 e2020491118.*
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Bessette, D. L., & Gregory, R. (2020). The promise and reality of social and cultural metrics. *Ecology and Society*, *25*(3), Article 11. https://doi.org/10.5751/ES-11730-250311

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- Gregory, R., Satterfield, T., & Boyd, D. R. (2020). People, pipelines, and probabilities: Clarifying significance and uncertainty in environmental impact assessments. *Risk Analysis, 40,* 218–226. doi:10.1111/risa.13409
- Shrum, T. R., Markowitz, E., Buck, H., Gregory, R., van der Linden, S., Attari, S. Z., & Van Boven, L. (2020). Behavioural frameworks to understand public perceptions of and risk response to carbon dioxide removal. *Interface Focus, 10*(5), Article 20200002. https://doi.org/10.1098/rsfs.2020.0002
- Gregory, R., & Dieckmann, N. (2019). Improving stakeholder engagement for upstream risks. In H. Kunreuther, R. J. Meyer, & E. O. Michel-Kerjan (Eds.), *The future of risk management* (pp. 193–208). Philadelphia, PA: University of Pennsylvania Press.
- Gregory, R., Harstone, M., & Slovic, P. (2018). Improving intervention decisions to prevent genocide: Less muddle, more structure. *Genocide Studies and Prevention, 11*(3), 109–127. doi: 10.5038/1911-9933.11.3.1496
- Dieckmann, N. F., Gregory, R., Peters, E., & Hartman, R. (2017). Seeing what you want to see: How imprecise uncertainty ranges enhance motivated reasoning. *Risk Analysis*, *37*, 471–486. doi: 10.1111/risa.12639a
- Dieckmann, N. F., Johnson, B. B., Gregory, R., Mayorga, M., Han, P. K., & Slovic, P. (2017). Public perceptions of expert disagreement: Bias and incompetence or a complex and random world? *Public Understanding of Science, 26,* 325–338. doi: 10.1177/0963662515603271
- Gregory, R. (2017). The troubling logic of inclusivity in environmental consultations. *Science, Technology, & Human Values, 42,* 144–165. doi: 10.1177/0162243916664016
- Gregory, R. (2017, March 14). Why environmental consultations don't work. *The Walrus*. https://thewalrus.ca/why-environmental-consultations-dont-work/
- Gregory, R., & Keeney, R. L. (2017). A practical approach to address uncertainty in stakeholder deliberations. *Risk Analysis*, *37*, 487–501. doi: 10.1111/risa.12638
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- Donatuto, J., Campbell, L., & Gregory, R. (2016). Developing responsive indicators of indigenous community health. *International Journal of Environmental Research and Public Health*, *13*, 899. doi: 10.3390/ijerph13090899
- Gregory, R., Easterling, D., Kaechele, N., & Trousdale, W. (2016). Values-based measures of impacts to indigenous health. *Risk Analysis*, *36*, 1581–1588. doi: 10.1111/risa.12533
- Gregory, R., Satterfield, T., & Hasell, A. (2016). Using decision pathway surveys to inform climate engineering policy choices. *PNAS (Proceedings of the U.S. National Academy of Sciences)*, *113*, 560–565. doi: 10.1073/pnas.1508896113

Dieckmann, N. F., Peters, E., & Gregory, R. (2015). At home on the range? Lay interpretations of numerical uncertainty ranges. *Risk Analysis*, *15*, 1281–1295.

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- Gregory, R., & Slovic, P. (2015). *Structuring intervention decisions to prevent genocide and mass atrocities* (Working Paper No. 15-02). Eugene, OR: Decision Research.
- Arvai, J., Kellon, D., León, R., Gregory, R., & Richardson, R. (2014). Structuring international development decisions: Confronting tradeoffs between land-use and community development in Costa Rica. *Environmental Systems and Decisions*.
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- Dieckmann, N. F., Peters, E., Gregory, R., & Tusler, M. (2012). Making sense of uncertainty: Advantages and disadvantages of providing an evaluative structure. *Journal of Risk Research*, *15*, 717–735.
- Gregory, R., Dieckmann, N. F., Peters, E., Failing, L., Long, G., & Tusler, M. (2012). Deliberative disjunction: Expert and public understanding of outcome uncertainty. *Risk Analysis*, 32, 2071–2083. doi: 10.1111/j.1539-6924.2012.01825.x
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- Gregory, R., Ohlson, D., & Arvai, J. (2006). Deconstructing adaptive management: Criteria for applications to environmental management. *Ecological Applications*, *16*(6), 2411–2425.
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- Failing. L., & Gregory, R. (2003). Ten common mistakes in designing biodiversity indicators for forest policy. *Journal of Environmental Management*, *68*, 121–132.

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- Gregory, R. (2000). Valuing environmental policy options: A case-study comparison of multiattribute and contingent valuation survey methods. *Land Economics*, *76*, 151–173.
- Satterfield, T., Slovic, P., & Gregory, R. (2000). Narrative valuation in a policy judgment context. *Ecological Economics*, *34*, 315–331.
- Brown, T., & Gregory, R. (1999). Why the WTA-WTP disparity matters. *Ecological Economics*, 28, 323–335.
- Gregory, R. (1999). Commentary on "Measuring constructed preferences: Towards a building code." *Journal of Risk and Uncertainty, 19,* 273–275.
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Satterfield, T., & Gregory, R. (1998). Reconciling environmental values and pragmatic choices. *Society & Natural Resources*, *11*, 629–647.

- 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.
- 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.
- 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.
- Gregory, R., & Slovic, P. (1997). A constructive approach to environmental valuation. *Ecological Economics*, *21*, 175–181.
- 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., 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., Slovic, P., & Flynn, J. (1996). Risk perceptions, stigma, and health policy. *Health & Place*, 2, 213–220.
- Gregory, R., & von Winterfeldt, 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., Flynn, J., & Slovic, P. (1995). Technological stigma. *American Scientist*, 83, 220–223.
- 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., & 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*, 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*, 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.
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- Gregory, R., Kunreuther, H., Easterling, D., & Richards, K. (1991). Incentives policies to site hazardous waste facilities. *Risk Analysis*, *11*, 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.
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- Gregory, R., Niemi, E., & Mendelsohn, R. (1989). A model for evaluating the impacts of forest management regulations. *Journal of Environmental Management*, 29, 129–144.
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- Gregory, R., & McDaniels, T. (1987). Valuing environmental losses: What promise does the right measure hold? *Policy Sciences*, *20*, 11–26.
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- Slovic, P., Gregory, R., Frank, D., & Vastfjall, D. (2015). Confronting the collapse of humanitarian values in foreign policy decision making. In J. Persson (Ed.) *Against boredom*. Lidingö, Sweden: Fri Tanke Förlag.

Gregory, R., & Dieckmann, N. F. (2014). Communicating about uncertainty in multistakeholder groups. In J. Arvai & L. Rivers (Eds.), *Effective risk communication* (pp. 56–72). New York: Routledge.

- Riley, S. J., & Gregory, R. (2012). Decision making in wildlife management. In D. J. Decker, S. J. Riley, & W. F. Siemer (Eds.), *Human dimensions of wildlife management* (2nd ed., pp. 101–112). Baltimore, MD: Johns Hopkins University Press.
- Gregory, R., Failing, L., & Long, G. (in press). Identifying objectives and attributes for biosecurity planning. In T. Walshe (Ed.), *Methods for invasive species risk analysis and management*. Cambridge University Press.
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- Gregory, R. (1992). Implications of public perceptions of hazardous materials on risk management. In D. G. Levine & A. C. Upton (Eds.), *Management of hazardous agents: Vol. 2: Social, political, and policy aspects* (pp. 69–79). Westport, CT: Praeger.
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Books

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- Editorials and op-eds, radio interviews, conference presentations, magazine articles, videos and You Tube talks, and other opinion pieces available on request. Additional information is available on the Decision Research, Arithmetic of Compassion website:

 https://www.arithmeticofcompassion.org/. and at the Delta Schools website: vist www.deltalearns.ca and click on the Decision Skills section.