

WORK ADDRESSES

Senior Researcher
Social and Environmental Research
Institute
278 Main Street, Suite 404
Greenfield, MA 01301
(413) 387-9320
SPTuler@seri-us.org

Adjunct Assistant Professor
Interdisciplinary and Global Studies
Division
Worcester Polytechnic Institute
Worcester, MA 01609

PERSONAL

BORN: June 25, 1962, Champaign, Illinois
CITIZENSHIP: U.S.A.

EDUCATION

1980 - 1984: The University of Chicago, Chicago, IL.
B.A., Mathematics, March 1984.

1985 - 1987: Massachusetts Institute of Technology, Cambridge, MA.
M.S., Technology and Policy, May 1987.
Thesis title: Human Behavior in Time-Pressured Distributed Decision Systems.

1990 - 1996: Clark University, Worcester, MA.
Ph.D., Environmental Science and Policy
Dissertation title: Meanings, Understandings, and Interpersonal Relationships in
Environmental Policy Discourse.

RESEARCH GRANTS RECEIVED

PI. NOAA Sectoral Applications Research Program (SARP). *Informing coastal management adaptation planning and decision making for climate change using an interactive risk-based vulnerability assessment tool*. With T. Webler, K. Dow, and J. Whitehead. 1 August, 2009 – 30 March, 2011. (\$213,886). Effort: 3.5 months.

PI. Science and Society Program, National Science Foundation. A professional development fellowship on factors that enable longterm institutional management systems to anticipate, recognize, and respond to failures. July 2009 – June 2011 (\$86,299). Effort: 9 months.

Co-PI. Coastal Response Research Center (under NOAA Grant Number: NA04NOS4190063). *Social disruption from oil spills and spill response: Characterizing effects, vulnerabilities, and the adequacy of existing data to inform decision-making*. July 2008 – June 2010 (\$249,339).

Co-PI. Oil Spill Recovery Institute. *Cordova Study Site – Social disruption from oil spills and spill response*. 1 July 2008 – 30 June 2010. (\$36,992)

- PI. Coastal Response Research Center ((under NOAA Grant Number: NA04NOS4190063, Project Number: 05-983). *Establishing Performance Metrics for Oil Spill Response, Recovery and Restoration*. With Tom Seager, Igor Linkov, and Tom Webler, February 2005 – 31 December 2007 (\$288,436).
- PI National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce. *Demonstrating a risk-based approach to rapid vulnerability assessment in New England fishery communities*. With Tom Webler and Colin Polsky, Oct. 2007 – Dec. 2009 (\$131,902).
- PI. National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce. *Developing methods to identify and characterize vulnerable populations in northeast marine fish communities*. With Julian Agyeman, October 2004 – September, 2005 (\$55,260).
- PI. Environmental Protection Agency. *Three evaluative tools to empower local communities in the cleanup of contaminated sites: A comparative analysis*. With Tom Webler, Caron Chess, and Susan Santos, October 2003 – March 2008 (\$461,390).
- PI. National Science Foundation (Societal Dimensions of Engineering, Science, and Technology). *Toward better theory of public participation*. With Tom Webler, September 2001 - December 2002 (\$148,000).
- Researcher. U.S. Department of Energy (subcontracted through Decision Research, Eugene, OR). *Community response to risk communication about low dose radiation exposures*. With Tom Webler (Pis Jim Flynn and Paul Slovic, Decision Research, Eugene, OR), August 2000 - September 2002 (\$76,000).
- Co-PI. National Park Service. *Comprehensive Study of Visitor Safety in the National Park System* (under subcontract # GNK756A with the Cooperative Parks Study Unit, University of Idaho, Moscow, ID). With Dominic Golding, May 2000 – April 2002 (\$249,953).
- Co-PI. National Science Foundation and the Environmental Protection Agency Partnership for Environmental Research. *Factors Influencing the participation of local governmental officials in environmental policy making. Three case studies of the National Estuary Program*. (SBR 96-13625). With Tom Webler, Paul Stern, and Ingrid Shockey, Oct. 1996 – Sept. 2000 (\$119,000).

FELLOWSHIPS AND AWARDS

Professional Development Fellowship, Science and Society Program, National Science Foundation. *Factors that enable longterm institutional management systems to anticipate, recognize, and respond to failures.* July 2009 – June 2011 (\$86,299). Effort: 9 months

Fulbright Scholar Fellowship, Faculty of Public Health, Thammasat University, Rangsit Campus, Pathumthani. Bangkok, Thailand, Dec 2008 – April 2009. Studied the public health risk communication activities about air emissions from petrochemical facilities located at the Maptaphut Industrial Estate in Rayong Province. Gave a series of presentations about environmental health risk communication to government agencies and industry:

Tuler, S. and Chess, C. 2009. Planning effective communication. Invited presentation to the Pollution Control Department, Bangkok, Thailand, 19 March.

Tuler, S. 2009. Planning effective risk communication. Invited presentation to a Workshop sponsored by the Ministry of Public Health, Department of Disease Control and Prevention in Rayong Province, Rayong, Thailand, 25 March.

Tuler, S. 2009. Planning effective communication about public health risks: The need for participation. Invited presentation to the Faculty of Public Health, Thammasat University, Pathumthani, Thailand, 30 March.

Tuler, S. 2009. Effective risk communication: Challenges and a framework for planning. Invited presentation to the Petroleum Institute of Thailand, Bangkok, Thailand, 3 April.

TEACHING EXPERIENCE

Oct. 2002 – present: Adjunct Assistant Professor, Worcester Polytechnic Institute, Worcester, MA. Teach course in the Interdisciplinary and Global Studies Division to prepare students for their 8 week Interactive Qualifying Project, an off-campus undergraduate project requirement. Course covers social science research design and methods, critical writing, and group work skills. Course taught 2-3 times per year. During 2006 I co-advised 22 students working on six projects and during 2007 24 students on six projects in Thailand. During 2003-2005 I advised 4 student projects based in Worcester. During 2007-08 advising two on-campus projects relating to interim storage of spent nuclear fuel and groundwater monitoring systems around sites with radiological contamination.

RESEARCH AND CONSULTING EXPERIENCE

Nov. 1995 - present: Researcher, Social and Environmental Research Institute, Greenfield, MA. Research conducted on various aspects of public participation in land-use management, coastal zone management, and Superfund clean-up. Projects addressing factors that influence local government officials to participate in regional environmental planning processes; differing definitions of "good" process by stakeholders; factors that influence the use of computer-based planning tools by local planners for coastal zone management and their responses to model uncertainty. PI on NSF funded project (completed Sept. 2003) to study public participation in nine cases (3 watershed planning, 3 forestry planning, and 3 radiological contamination clean-up) to expand on previous work in which participants of public participation processes express their well-formed impressions of what makes a good public participation process, PI on EPA funded project to assess strengths and weaknesses of evaluation methods for EPA Superfund clean-up

processes (begun Oct. 2003, completed March 2008), and PI on NOAA funded project to support identification and selection of performance metrics for marine oil spill response, damage assessment, recovery, and restoration (2 year project, begun Feb. 2005). Currently, co-PI on project to assess socio-economic impacts of marine oil spills (2 year project beginning June 2008) and PI on project to develop a rapid vulnerability assessment tool to assess socio-economic impacts of marine fisheries management plans (2 year project begun Dec. 2006).

Jan. 1996 - 2006: Research Fellow, Center for Technology, Environment, and Development, George Perkins Marsh Institute, Clark University, Worcester, MA. Most recently funded for 1 month on an NSF sponsored project to study uncertainty and hazard management in six policy / technological risk arenas. From 1996 – 2005 worked on issues related to public and worker health risks from activities associated with US nuclear weapons production and related facilities. Activities included education and training of community members in areas of radiation health risks, risk assessment, epidemiology, dose reconstruction, and public participation mechanisms and research on public participation and participatory research methods. In addition, recently a PI for a one year project funded by the Northeast Marine Fisheries Science Center (NOAA) to assess vulnerability of fishing communities in the northeast US (begun Oct. 2004). Previously, co-PI on project to conduct a risk analysis of visitor safety in the National Parks System. Funded by the Cooperative Park Studies Unit, University of Idaho, Moscow, ID for the Social Science Research Program of the National Park Service.

April 2001 – Feb. 2005: Consultant, Committee on Public Participation in Environmental Assessment and Decision-Making, National Research Council, Washington, DC. Support the study director and committee on work related to public participation in environmental decision-making, including two workshops and a literature review. The Committee is sponsoring a study on public participation experiences of federal agencies. The Committee (and Tuler's work) began as part of the NAS Committee on Human Dimensions of Global Change.

Sept. 2000 – Sept. 2002: Researcher, subcontract from Decision Research, Inc. with the Social and Environmental Research Institute, Greenfield, MA. Exploratory research on community response to risk communication about low dose radiation exposures. Two case studies are being conducted to understand how to characterize the community response to risk communication efforts. The two case studies are of controversies about low dose radiation risks at Fernald Laboratory (OH) and Brookhaven National Lab (NY).

Nov. 2000 – Oct. 2001: Researcher, Social and Environmental Research Institute, Greenfield, MA. Conduct social science research literature review on the human dimensions of wildland fire, as part of a broader project for the Social Science Research Director of the National Park Service on a proposed research strategy for wildland fire management in five US federal agencies.

Jan. 1997 - March 1998: Research Assistant, Cooperative Park Studies Unit, University of Idaho, Moscow, ID. Conducted social science research needs assessment and proposed research strategy on occupational risk, safety, and health for the National Park Service. Report prepared for the Social Science Research Director of the National Park Service.

July 1995 - June 1997: Research Assistant, Center for Policy Research, University at Albany, State University of New York, Albany, NY. Senior investigator for research project "Evaluating Public Involvement Processes by Combining Perspectives from Planners, Participants, and Normative Theory." Funded by the National Science Foundation.

Jan. 1994 - May 1996: Small group facilitator, Northern Forest Dialogue Project and Maine Forest Biodiversity Project. Lead small group discussions on various topics during meetings of the Northern Forest Dialogue Project (Feb. 1994) and the Maine Forest Biodiversity Project (May and Nov. 1995, May 1996). In addition, conducted an evaluation for the planners and Steering Committee of the first Northern Forest Dialogue Project meeting.

May 1994 - Sept. 1994: Consultant, Center for Technology Assessment in Baden-Wurttemberg (Germany). Participated in study of expert perceptions on sustainability and evaluation of workshop as part of the ongoing project "Qualitative Growth as a Prerequisite for Sustainable Development in Baden-Wurttemberg."

June 1993 - Jan. 1994: Staff, Vermont Leadership Center, Island Pond, Vermont. Provided support for office staff, coordination of grassroots Northern Forest Citizen Network activities (including organization of workshops, implementation of survey project, and publication of newsletter) and support for Northern Forest Dialogue Project retreats (including pre-retreat and post-retreat interviews with participants and post-retreat evaluation).

Feb. 1992 - March 1992: Consultant, Human Factors Unit, Four Elements, Ltd., London, UK. Reviewed system design requirements for nuclear power control room operator training programs in Great Britain. Emphasis was on developing a model of operator decision making in unfamiliar and emergency situations and the special training needs for team performance. A report was prepared for the UK Health and Safety Executive.

Oct. 1991 - April. 1992: Research Assistant, Cooperative Park Studies Unit, University of Idaho, Moscow, ID. Reviewed risk to Mt. Rainier National Park personnel and visitors during winter snow removal operations. Emphasis was placed on individual and organizational factors that contribute to risk. Recommendations were developed to increase safety of snow removal operations.

Dec. 1991 - Jan. 1992: Research Assistant, Center for Technology, Environment, and Development, Clark University, Worcester, MA. Reviewed and evaluated literature related to environmental and technology conflict resolution. Specific emphasis was on experience with the siting of risky or noxious facilities and its relevance to policy planning in Switzerland. A report discussing the role of public participation in such disputes and a model process was completed for the Swiss Federal Institute of Technology (Eidgenössische Technische Hochschule Zürich), Zurich, Switzerland.

June 1990 - Dec. 1990: Research Assistant, Center for Technology, Environment, and Development, Clark University, Worcester, MA. Study of signals and the social amplification of risk framework. Questionnaires about risk signals were developed and the results analyzed in terms of cultural factors influencing risk perceptions.

Aug. 1990 - Oct. 1990: Consultant, Human Factors Unit, Four Elements, Ltd., London, UK. Reviewed research needs in human factors in high risk industries. Review of state-of-the-art research programs in the US with emphasis on human factors issues in commercial nuclear power plants.

Jan. 1990 - May 1990: Research Assistant, Cooperative Park Studies Unit, University of Idaho, Moscow, ID. Reviewed risk to personnel in the Olympic National Park Mountain Goat Removal Project. Emphasis was placed on individual and team factors that contribute to capture personnel risk. Recommendations were developed to decrease risks and presented to capture team personnel at a workshop.

Dec. 1988 - April 1989: Consultant, Human Factors Unit, Technica, Ltd., London, UK. Reviewed and evaluated public responses to warning systems during nuclear power plant emergencies. Emphasis was placed on the effectiveness of warning sirens and sheltering as an alternative to evacuation.

Sept. 1988 - April 1989: Consultant, Technica, Inc., Columbus, OH. Developed a risk communication guidebook for clients in the petrochemical industry. Emphasis was placed on plant manager interactions with the public and news media.

Sept. 1987 - Jan. 1989: Research Associate, Center for Technology, Environment, and Development, Clark University, Worcester, MA. Three projects were focused on the proposed high level radioactive waste repository in Yucca Mountain, Nevada. They included analysis of human-technology interactions in the transportation of radioactive waste and their impacts on accident risks, review of DOE research and regulations concerning transportation of spent nuclear fuel, and potential public responses to the siting of a high level waste repository and risk events. Other projects included review of EPA and NIOSH risk communication programs, analyses of emergency response plans for nuclear facilities, and development of a conceptual model of outer continental shelf oil and gas development and production impacts for Washington State.

Jan. 1986 - May 1987: Research Assistant, Man-Machine Systems Laboratory, Department of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, MA. Analyzed command and control systems from the perspective of human-machine interaction, behavioral decision theory, and distributed decision-making. An experimental distributed decision system with human subjects was developed to assist in the analysis of the relationships of individual and group performance to subjective mental workload, and their sensitivity to changes in system operation.

Sept. 1985 - Aug. 1986: Research Assistant, Center for Technology Policy and Industrial Development, Massachusetts Institute of Technology, Cambridge, MA. Developed a pharmacokinetic risk assessment model of occupational exposure to toxic vapors. The model was developed for the National Institute of Occupational Safety and Health to assist in the setting of exposure standards for chlorinated hydrocarbons in the workplace.

PUBLICATIONS

Refereed journal articles and book chapters

- Webler, T. and Tuler, S. (Forthcoming). Engineering is not enough: Researching the human dimensions of the new energy technologies, *Energy Policy*.
- Danielson, S. T. Webler, & S. Tuler. (Forthcoming, January 2010) Using Q Method for the Formative Evaluation of Public Participation Processes. *Society and Natural Resources* 23(1).
- Tuler, S. and Webler, T. 2009. Comparing stakeholders' objectives for oil spill contingency planning and response: A Q study of four regions, *Journal of Contingencies and Crisis Management* 17(2): 95-107.
- Webler, T. and Tuler, S. 2008. Organizing a deliberative planning process: What does the science say?. In S. Odugbemi and T. Jacobson (eds.), *Governance reform under real-world conditions: Citizens, stakeholders, and voice*. Pp. 125-160. Washington, DC: World Bank.
- Tuler, S. and Webler, T. 2008. Q Methodology. In Linda Kalof, Amy Dan and Thomas Dietz. (eds.) *Essentials of Social Research*, pages 137-138. Berkshire, UK: Open University Press/McGraw Hill Publishers.
- Tuler, S., Agyeman, J., Pinto da Silva, P., LoRusso, K., and Kay, R. 2008. Assessing Vulnerabilities: Integrating Information about Driving Forces that Affect Risks and Resilience in Fishing Communities, *Human Ecology Review* 15(2):171-184.
- Danielson, S., Santos, S., Webler, T., and Tuler, S. 2008. Building and Breaking a Bridge of Trust in a Superfund Site Remediation. *International Journal of Global Environmental Issues* 8(1-2):45—60.
- Tuler, S. 2007. Institutional preferences for justice, avoiding harm, and expertise in public health policy making about the health consequences of iodine-131 nuclear weapons testing fallout. In S. Quigley, A. Lowman, S. Wing (eds.) *Ethics of research on health impacts of nuclear weapons activities in the United States*. Report from the Collaborative Initiative for Research Ethics and Environmental Health (CIREEH). Syracuse, NY: Syracuse University.
- Seager, T., Satterstrom, F. K., Linkov, I., Tuler, S., and Kay, R. 2007. Typological Review of Environmental Performance Metrics (with Illustrative Examples for Oil Spill Response), *Integrated Environmental Assessment and Management* 3:310-321.
- Tuler, S., Seager, T., Kay, R., and Linkov, I. 2007. The Bouchard-120 and Chalk Point oil spill responses: Objectives and performance metrics. In I. Linkov, G. Kiker, and R. Wenning (eds.), *Environmental security in harbors and coastal areas*, pp. 209-228. Netherlands: Springer.
- Tuler, S. and Webler, T. 2006. Competing perspectives on a process for making remediation and stewardship decisions at the Rocky Flats Environmental Technology Site, *Research in Social Problems and Public Policy* 13: 49-77.
- Webler, T. and Tuler, S. 2006. Four perspectives on public participation process in environmental assessment and decision making: Combined results from ten case studies, *Policy Studies Journal* 34(4):699-722.
- Russ, A., Burns, C., Tuler, S., and Taylor, O. 2006. *Health risks of ionizing radiation: An overview of epidemiological studies*. Worcester, MA: Community-Based Hazard Management Program, The George Perkins Marsh Institute, Clark University.

- Tuler, S., Webler, T., and Finson, R. 2005. Competing perspectives on public involvement: Planning for risk characterization and risk communication about radiological contamination from a national laboratory, *Health, Risk, and Society* 7(3):247-266.
- Webler T, Tuler S, Tanguay J. 2004. Competing perspectives on public participation in National Park Service Planning: The Boston Harbor Islands National Park Area, *Journal of Park and Recreation Administration* 22(3). Available on web at: <http://www.sagamorepub.com/ebooks/jprabackissues/jpra223555/>
- Dietz, T., Tanguay, J., Tuler, S., and Webler, T. 2004. Making Computer Models Useful: An Exploration of Expectations by Experts and Local Officials, *Journal of Coastal Management* 32(3):307-318.
- Webler, T., Tuler, S., Shockey, I., Stern, P. C., and Beattie, R. 2003. Participation by local governmental officials in watershed management planning. *Society and Natural Resources* 16(2):105-121.
- Machlis, G., Kaplan, A., Tuler, S., Bagby, K., and McKendrey, J. 2002. *Burning questions: A social science research plan for federal wildland fire management*. Report to the National Wildfire Coordinating Group. Missoula, MT: National Wildfire Coordinating Group.
- Tuler, S., Webler, T., Shockey, I., Stern, P. C., 2002. Factors influencing the participation of local governmental officials in the National Estuary Program. *Coastal Management* 30(1):101-120.
- Webler, T. and Tuler, S. 2002. Unlocking the Puzzle of Public Participation. *Bulletin of Science, Technology, & Society*. 22(3):179-189.
- Webler, T., Tuler, S., and Krueger, R. 2001. What is a good public participation process? Five perspectives from the public. *Environmental Management* 27(3):435-450.
- Webler, T. and Tuler, S. 2001. Public Participation in Watershed Management Planning: Views on Process from People in the Field. *Human Ecology Review* 8(2):29-39.
- Tuler, S. and Webler, T. 2000. Public Participation: Relevance and application in the National Park Service *Park Science* 20(1): 24-26.
- Tuler, S. 2000. Forms of talk in policy dialogue: Distinguishing between adversarial and collaborative discourse. *Journal of Risk Research* 3(1):1-17.
- Webler, T. and Tuler, S. 2000. Fairness and Competence in Citizen Participation: Reflections from a Case Study. *Administration and Society* 32(5):566-595.
- Tuler, S. and Webler, T. 1999. Designing an analytic deliberative process for environmental health policy making in the US nuclear weapons complex. *RISK: Health, Safety, and Environment* 10(1):65-87.
- Webler, T. and Tuler, S. 1999. Integrating Technical Analysis with Deliberation in Regional Watershed Management Planning: Applying the National Research Council Approach. *Policy Studies Journal* 27(3):530-543.
- Tuler, S. 1999. Employee Safety in the National Park Service. *NPS Social Science Research Review* 1(3):1-15. Cooperative Park Studies Unit, University of Idaho, Moscow, Idaho.
- Tuler, S. 1998. Learning through participation. *Human Ecology Review* 5(1):58-60.
- Tuler, S. and Webler, T. 1998. Voices from the forest: What participants expect of a public participation process. *Society and Natural Resources* 12:437-453.
- Webler, T. and Tuler, S. 1997. Valuing diversity. *Whole Terrain* 6:59-65.

- Tuler, S. and Webler, T. 1995. Process Evaluation for Discursive Decision Making in Environmental and Risk Policy. *Human Ecology Review* 2(1):62-71.
- Tuler, S. 1995. Organizational decision-making theory and technological emergencies. In: D. Golding, J. X. Kasperson, and R. E. Kasperson (eds.), Preparing for nuclear power plant accidents. Boulder, CO: Westview Press. Pgs. 253-288.
- Kasperson, R. E., Golding, D., and Tuler, S. 1995. Designing effective systems for responding to nuclear plant emergencies. In: D. Golding, J. X. Kasperson, and R. E. Kasperson (eds.), Preparing for nuclear power plant accidents. Boulder, CO: Westview Press. Pgs. 289-310.
- Tuler, S., Machlis, G., and Kasperson, R. E. 1992. A case study of mountain goat removal in Olympic National Park: The role of organizational culture in individual risk decisions and behavior. *Risk: Issues in Health and Safety* 3(4):317-340.
- Kasperson, R. E., Golding, D., and Tuler, S. 1992. Siting hazardous facilities and communicating risks under conditions of high social distrust. *Journal of Social Issues* 48(4):161-187.
- Tuler, S., Kasperson, R. E., and Ratick, S. 1989. Human reliability and risk management in the transportation of spent nuclear fuel. In: G. B. Guy (ed.), Reliability on the Move: Safety and Reliability in Transportation, pp. 169-194. London: Elsevier Applied Science.
- Tuler, S. 1988. Individual, group, and organizational decision making in technological emergencies: A review of research. *Industrial Crisis Quarterly* 2:109-138.

Edited Special Issues

- Webler, T. and Tuler, S. (eds.). 2006. Special Edition on public participation in environmental decision-making. *Policy Studies Journal* 34(4): 599-775.
- Tuler, S. and Webler, T. (eds.) 2006. Special edition. Recent research on public participation: A focus on learning. *Human Ecology Review* 13(2): 148-202.
- Webler, T. and Tuler, S. 1998. Human Ecology Forum Editors Introduction. How to do environmental decision-making: Varying perspectives on the US National Research Council's Understanding Risk Report. *Human Ecology Review* 5(1):35-36.

Reviews and Newsletters

- Tuler, S., Chess, C., Santos, S., Danielson, S., and Webler, T. 2008. Selecting the right tool for evaluations: guidance for Community involvement practitioners, *EPA's Collaboration Network News*, Winter 2008. Available on web at: www.epa.gov/pubinvol/Complete%20Newsletters/NetworkNewsWinter2008.pdf
- Webler, T., Shockey, I., Tuler, S., and Stern, P. 2000. Five perspectives on participation in watershed management planning by local governmental officials. *Coastlines* 10.5 (October): 5-7. Available at: <http://www.epa.gov/nep/coastlines/oct00/five.html>
- Webler, T., Shockey, I., Tuler, S., and Stern, P. 2000. Why do (or don't) local government officials participate in watershed planning efforts? *Coastlines* 10.2 (April): 10-11. Available at: <http://www.epa.gov/nep/coastlines/apr00/whydo.html>
- Tuler, S. 1998. Review of *The Politics of the Earth: Environmental Discourses*, by John S. Dryzek, *Human Ecology Review* 5(1).

- Webler, T. and Tuler, S. 1995. Discourse and Evaluation in Risk Communication Processes." *RISKOM: Newsletter of the Risk Communication Network*. 1(2):5-6 . (University of East Anglia, UK).
- Tuler, S., Machlis, G., Kasperson, R. E., and Janda, C. 1991. Olympic NP mountain goat removal project subject of risk assessment report. *Park Science*, 11(1): 14-15.
- Tuler, S. 1987. Society for risk analysis explores major issues. *Environmental Impact Assessment Review* 7(1): 92-94.

Conference Proceedings

- Tuler, S. 1995. "Development of mutual understanding among stakeholders in environmental policy disputes." In: Human Ecology: Progress through integrative perspectives. Proceedings of the 7th Society for Human Ecology Meeting, East Lansing, MI, April 1994, pp. 280-284.
- Tuler, S., Kasperson, R. E., and Ratick, S. 1991. Human error in the transportation of spent nuclear fuel. In: C. Zervos (ed.), Prospects and Opportunities, pp. 367-378. New York: Plenum Press.
- Tuler, S. and Hattis, D. 1990. Carcinogenesis risk assessment of two-carbon alkylating agents using dynamic simulation of absorption and metabolism. In: L. A. Cox and P. F. Ricci (eds.), New Risks: Issues and Management. NY: Plenum Press.

INVITED LECTURES AND PRESENTATIONS

- Tuler, S. 2009. Lessons from the past: Addressing facility siting controversies. Invited presentation to the Workshop on Addressing the Challenges of Climate Change Through the Behavioral and Social Sciences, Committee on Human Dimensions of Global Environmental Change, National Research Council, December 3-4, 2009.
- Tuler, S. 2009. Effective risk communication: Challenges and a framework for planning. Invited presentation to the Petroleum Institute of Thailand, Bangkok, Thailand, 3 April.
- Tuler, S. 2009. Planning effective risk communication. Invited presentation to a Workshop sponsored by the Ministry of Public Health, Department of Disease Control and Prevention in Rayong Province, Rayong, Thailand, 25 March.
- Tuler, S. and Chess, C. 2009. Planning effective communication. Invited presentation to the Pollution Control Department, Bangkok, Thailand, 19 March.
- Tuler, S. 2009. Planning effective communication about public health risks: The need for participation. Invited presentation to the Faculty of Public Health, Thammasat University, Pahtumthani, Thailand, 30 March and 24 September.
- Tuler, S. and Webler, T. 2008. *Competing perspectives about oil spill response objectives: A comparison of stakeholders' views in four regions*. Invited presentation for the Clean Gulf Pre-Conference Workshop: Applied Research for the Spill Response Community, 28 October, 2008, San Antonio, TX
- Tuler, S. and Webler, T. 2007. Presentation to Workshop on *Getting the message out on Great Lakes restoration: Communicating with local communities on restoring Michigan's Great Lakes Areas of Concern*. Whitehall, MI, 9 November.
- Tuler, S. and Santos, S. 2007. Three evaluative tools to empower local communities in the

- environmental clean-up of sediment contaminated sites: Project Overview, Q Method, Focus Groups, and Comparative Analysis. Presentation sponsored by Office of Public Affairs, EPA Region 5, Chicago, IL, 19 September.
- Tuler, S. 2007. Establishing performance metrics for oil spill response, recovery, and restoration. Paper presented at the Coastal Response Research Center PI Symposium, NOAA, Seattle, WA, 19 April. www.crrc.unh.edu/workshops/2007symposium/index.htm.
- Tuler, S., Agyeman, J. 2006. Developing methods to identify and characterize vulnerable populations in northeast marine fisheries communities. Paper presented at the Northeast Fisheries Science Center, Woods Hole, MA, 17 May.
- Tuler, S. and Seager, T. 2006. Oil spill response assessment: Objectives and metrics. Paper presented at the Coastal Response Research Center PI Symposium, University of New Hampshire, Durham, NH, 14 March.
- Tuler, S., Webler, T., Santos, S., Chess, C., and Danielson, S. 2005. Three Evaluative Tools to Empower Local Communities in the Environmental Clean-up of Sediment Contaminated Sites: A Comparative Analysis. Presentation to Office of Research and Development, Environmental Protection Agency, 11 May.
- Tuler, S. and Webler, T. 2004. Public participation in environmental assessment and risk decision making. Paper presented at the Northeast Fisheries Science Center, National Marine Fisheries Service, NOAA, Woods Hole, MA, 2 June.
- Tuler, S. and Webler, T. 2003. Public participation and watershed planning: Defining "good" process. Paper presented at the Northwest Fisheries Science Center and the Center for Water and Watershed Studies, National Marine Fisheries Service, NOAA, Seattle, WA, 30 January.
- Webler, T. and Tuler, S. 2003. *Employing Q Methodology to the Study of Public Participation: Results from Recent Research*. Clark University, Worcester, MA.
- Tuler, S., Webler, T., Finson, R., and Tanguay, J. 2002. Perspectives on Public Participation at a Department of Energy Nuclear Weapons Facility: Addressing health risks from sewage sludge contaminated with plutonium released by Lawrence Livermore National Laboratory (CA). Paper presented to the Sludge Working Group (Lawrence Livermore National Laboratory) workshop, Oakland, CA, 26 January, 2002.

PAPERS PRESENTED

- Tuler, S., Webler, T., and Polsky, C. 2009. Linking driving forces of vulnerability to the consequences of regulations in New England fishing communities: a causal model to inform fisheries management. *Coastal Zone 2009*. Boston. July 19-23, 2009.
- Webler, T. and Tuler, S. 2009. Characterizing social disruption from oil spills and spill response. *Coastal Zone 2009*. Boston. July 19-23, 2009.
- Tuler, S., Webler, T., Polsky, C., et al. 2008. Linking driving forces of vulnerability to the consequences of regulation: A causal model framework to inform fisheries management. Presentation at the International Symposium for Society and Natural Resource Management, Burlington, Vermont.
- Polsky, C., Tuler, S., Webler, T., et al. 2008. Assessing community vulnerability to the effects of fisheries regulations: Methodological challenges and opportunities with the vulnerability scoping diagram (VSD). Presentation at the International Symposium for Society and Natural Resource Management, Burlington, Vermont.

- Tuler, S., Webler, T., Seager, T., Kay, R., and Linkov, R. 2006. Bringing clarity to competing objectives and performance metrics in marine oil spill response: A deliberative approach to planning and assessing response. Paper presented at the Society for Risk Analysis Meeting, Baltimore, MD, 6 Dec.
- Linkov, I., Seager, T., Satterstrom, K., Linkov, I., Tuler, S., and Kay, R. 2006. Environmental Performance Metrics For Oil Spill Response. NATO Workshop on Ports Security, 16-19 March, Venice, Italy.
- Linkov, I., Seager, T., Tuler, S., and Kay, R. 2005. Poster presentation prepared for 2005 EPA and Tri-Services "Toxicology and Risk Assessment Conference," April 25-28, 2005, Fairborn, Ohio.
- Satterstrom, K., Linkov, I., Seager, T., Linkov, I., Tuler, S., and Kay, R. 2005. Oil Spill Response, Recovery & Restoration: Multi Criteria Decision Analysis Approach. NATO Workshop on Ports Security, 20-24 April, Thessalonica, Greece.
- Seager, T., Tuler, S., Kay, R., and Linkov, I. 2005. Performance Metrics for Oil Spill Response, Recovery & Restoration: Understanding Stakeholder & Expert Perspectives. Poster presentation at the Society for Environmental Toxicology and Chemistry Annual Meeting, November 13-17.
- Tuler, S., Webler, T., and Tanguay, J. 2003. Preferences for public participation in three policy arenas. Paper presented at the Annual meeting of the Society for Risk Analysis, Baltimore, MD, 9 December.
- Tuler, S. and Webler, T. 2002. Radiation-related decision-making based on community participation and science. *American Association for the Advancement of Science (AAAS) Annual Meeting*. Boston, MA, February 14-19.
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HONORS

William L. Stewart, Jr. Award for Outstanding Contributions to Extracurricular Life at the Massachusetts Institute of Technology, 1986.

Award for Excellence and Leadership in Technology and Policy, Massachusetts Institute of Technology, 1986.

BOARD AND COMMITTEE MEMBERSHIPS

Ad Hoc Working Group of the National Cancer Institute on Radio-Epidemiological Tables, Member (1998-99)

Environmental Communication, Editorial Board Member

Federal Advisory Committee on Energy-Related Epidemiologic Research, Member and Chair of the Subcommittee for Community Affairs (April 1999 – April 2002)

Journal of Coastal Management, Editorial Board Member (2001 – 2009)

National Academy of Sciences Committee on Transportation of High Level Radioactive Waste and Spent Nuclear Fuel, member (2003 – 2006)

National Cancer Institute – Centers for Disease Control and Prevention, Communications Development Group (CDG) to provide input and guidance for public health programs and research concerning the public health impacts of I-131 exposure from the Nevada Test Site (NTS), 1999-2001.

National Center for Environmental Research, Standing Subcommittee, Environmental Protection Agency Board of Scientific Counselors, member (2007 – present)

Social and Environmental Research Institute, Board of Directors

Alliance for Nuclear Accountability, Board of Directors (2005 – 2009)

Society for Human Ecology, At-Large Board member (2004 – present), Treasurer (1997-2004)

RESEARCH PROPOSALS REVIEWED FOR:

Educational Foundation of America
Environmental Protection Agency
National Science Foundation
New Hampshire Sea Grant
NOAA Center for Sponsored Coastal Ocean Research

PAPERS REVIEWED FOR:

BioScience
Ecology and Society
EIA Review
Environmental Communication
Environmental Conservation
Fisheries
Human Ecology Review
Journal of Coastal Management
Journal of Environmental Management
Journal of Policy Studies
Journal of Risk Research
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