

Selected Publications in Decision Making and Risk Management

February, 2019

A partial list of reprints in the areas of decision making and risk management is provided below. See back page for ordering information. Because of rising print and postage costs, we can supply only five copies free. If you would like more, they are available for \$3.00 per paper.

In Press

- 968** Dieckmann, N. F., & Johnson, B. B. (in press). Why do scientists disagree? Explaining and improving measures of the perceived causes of scientific disputes. *PLOS ONE*.
- 963** Erlandsson, A., Nilsson, A., Tinghög, G., Andersson, D., & Västfjäll, D. (in press). Donations to outgroup-charities, but not ingroup-charities, predict helping intentions towards street-beggars in Sweden. *Nonprofit and Voluntary Sector Quarterly*.
- 961** Gregory, R., & Dieckmann, N. (in press). Improving stakeholder engagement for upstream risks. In H. Kunreuther (Ed.), *The future of risk management*. Philadelphia, PA: University of Pennsylvania Press.
- 964** Nilsson, A., Erlandsson, A., & Västfjäll, D. (in press). The complex relation between receptivity to pseudo-profound bullshit and political ideology. *Personality and Social Psychology Bulletin*.
- 965** Skagerlund, K. Bolt, T., Nomi, J., Skagenholt, M., Västfjäll, T., Träff, U., & Uddin, L. (in press). Disentangling mathematics from executive functions by investigating unique functional connectivity patterns predictive of mathematics ability. *Journal of Cognitive Neuroscience*.
- 911** Slovic, P., & Västfjäll, D. (in press). The arithmetic of compassion and the future of risk management. In H. Kunreuther (Ed.), *The future of risk management*. Philadelphia, PA: University of Pennsylvania Press.
- 970** Van Boven, L., Ramos, J., Montal-Rosenberg, R., Kogut, T., Sherman, D. K., & Slovic, P. (in press). It depends: Partisan evaluation of conditional probability importance. *Cognition*.

New Books

- Arvai, J., & Rivers, L. (Eds.). (2014). *Effective risk communication*. New York: Routledge.
- Gregory, R., Failing, L., Harstone, M., Long, G., McDaniels, T., & Ohlson, D. (2012). *Structured decision making: A practical guide to environmental management choices*. Chichester, West Sussex, UK: Wiley-Blackwell.
- Michel-Kerjan, E., & Slovic, P. (Eds.). (2010). *The irrational economist: Making decisions in a dangerous world*. New York: PublicAffairs Books.
- Slovic, P. (2010). *The feeling of risk: New perspectives on risk perception*. London: Earthscan.
- Slovic, S., & Slovic, P. (2015). *Numbers and nerves: Information, emotion, and meaning in a world of data*. Corvallis, OR: Oregon State University Press.

2019

- 967** Delaney, D. G., & Slovic, P. (2019). Countering the prominence effect: How U.S. national security lawyers can fulfill non-prominent humanitarian objectives. *Journal of National Security Law & Policy*. Advance online publication. Available at <https://goo.gl/Ld6yVT>
- 923** Zhang, Y., & Slovic, P. (2019). Much ado about nothing: The zero effect in life-saving decisions. *Journal of Behavioral Decision Making*, 32, 30–37. doi: 10.1002/bdm.2089

2018

- 919** Baucum, M., Rosoff, H., John, R., Burns, W., & Slovic, P. (2018). Modeling public responses to soft-target transportation terror. *Environment Systems and Decisions*, 38, 239–249. doi: 10.1007/s10669-018-9676-7
- 959** Dahmen, N., & Slovic, P. (2018, November 2). Re “Saudi war pushes Yemenis to the brink of starvation,” October 28 and “Why The Times decided to publish haunting photos of Yemeni children,” October 28 [Letter to the editor]. *The New York Times*, p. A22. Available at <https://goo.gl/Uv4dZ4>

- 921 Dillon, R. L., Burns, W. J., & John, R. S. (2018). Insights for critical alarm-based warning systems from a risk analysis of commercial aviation passenger screening. *Decision Analysis, 15*, 154–173. doi: 10.1287/deca.2018.0369. Available at <https://goo.gl/tq9WNL>
- 929 Erlandsson, A., Hohle, S. M., Løhre, E., & Västfjäll, D. (2018). The rise and fall of scary numbers: The effect of perceived trends on future estimates, severity ratings, and help-allocations in a cancer context. *Journal of Applied Social Psychology, 48*, 618–633. doi: 10.1111/jasp.12552
- 954 Erlandsson, A., Nilsson, A., Tinghög, G., & Västfjäll, D. (2018). Bullshit-sensitivity predicts prosocial behavior. *PLoS ONE, 13*(7), e0201474. doi: 10.1371/journal.pone.0201474. Available at <https://goo.gl/CzrRUV>
- 955 Erlandsson, A., Nilsson, A., & Västfjäll, D. (2018). Attitudes and donation behavior when reading positive and negative charity appeals. *Journal of Nonprofit & Public Sector Marketing*. doi: 10.1080/10495142.2018.1452828. Available at <https://goo.gl/HT76kw>
- 917 Fielding, S., Slovic, P., Johnston, M., Lee, A. J., Bond, C. M., & Watson, M. C. (2018). Public risk perception of non-prescription medicines and information disclosure during consultations: A suitable target for intervention? *International Journal of Pharmacy Practice, 26*, 423–432. doi: 10.1111/ijpp.12433
- 931 Finkel, A. M., & Johnson, B. B. (2018). The limits of self-interest: Results from a novel stated-preference survey to estimate the social benefits of life-prolonging regulations. *Environmental Law, 48*, 453–476. Available at <https://goo.gl/rYrABb>
- 910 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. Available at <https://goo.gl/x9a9GJ>
- 922 Ivanov, B., Sellnow, T., Getchell, M., & Burns, W. (2018). The potential for inoculation messages and post-inoculation talk to minimize the social impact of politically-motivated acts of violence. *Journal of Contingencies and Crisis Management, 26*, 414–424. doi: 10.1111/1468-5973.12213
- 907 Johnson, B. B. (2018). “Counting votes” in public responses to scientific disputes. *Public Understanding of Science, 27*, 594–610. doi: 10.1177/0963662517706451
- 969 Johnson, B. B. (2018). Residential location and psychological distance in Americans’ risk views and behavioral intentions regarding Zika virus. *Risk Analysis, 38*, 2561–2579. doi: 10.1111/risa.13184
- 926 Johnson, B. B., & Dieckmann, N. F. (2018). Lay Americans’ views of why scientists disagree with each other. *Public Understanding of Science, 27*, 824–835. doi: 10.1177/0963662517738408
- 962 Lind, T., Erlandsson, A., Västfjäll, D., & Tinghög, G. (2018). Motivated reasoning when assessing the effects of refugee intake. *Behavioural Public Policy*. Advance online publication. doi: 10.1017/bpp.2018.41. Available at <https://goo.gl/SuDnzX>
- 924 Majeed, B. A., Nyman, A., Sterling, K. L., & Slovic, P. (2018). Little cigars and cigarillos: Affect and perceived relative harm among U.S. adults, 2015. *Addictive Behaviors, 85*, 107–112. doi: 10.1016/j.addbeh.2018.05.024
- 927 Mayorga, M. W., & Johnson, B. B. (2018). A longitudinal study of concern and judged risk: The case of Ebola in the United States, 2014–2015. *Journal of Risk Research*. Advance online publication. doi: 10.1080/13669877.2018.1466827
- 908 Nakayachi, K., Johnson, B. B., & Koketsu, K. (2018). Effects of acknowledging uncertainty about earthquake risk estimates on San Francisco Bay Area residents’ beliefs, attitudes, and intentions. *Risk Analysis, 38*, 666–679. doi: 10.1111/risa.12883
- 914 Pechacek, T. F., Nayak, P., Slovic, P., Weaver, S. R., Huang, J., & Eriksen, M. P. (2018). Reassessing the importance of “lost pleasure” associated with smoking cessation: Implications for social welfare policy. *Tobacco Control, 27*, e143–e151. doi: 10.1136/tobaccocontrol-2017-053734. Available at <https://goo.gl/V64753>
- 956 Persson, E., Asutay, E., Hagman, W., Västfjäll, D., & Tinghög, G. (2018). Affective response predicts risky choice for fast, but not slow, decisions. *Journal of Neuroscience, Psychology, and Economics, 11*, 213–227. doi: 10.1037/npe0000096
- 920 Popova, L., Owusu, D., Weaver, S. R., Kemp, C. B., Mertz, C. K., Pechacek, T. F., & Slovic, P. (2018). Affect, risk perception, and the use of cigarettes and e-cigarettes: A population study of U.S. adults. *BMC Public Health, 18*, 395. doi: 10.1186/s12889-018-5306-z. Available at <https://goo.gl/fqiKJX>

- 957 Skagerholt, M., Träff, U., Västfjäll, D., & Skagerlund, K. (2018). Examining the Triple Code Model in numerical cognition: An fMRI study. *PLoS ONE*, *13*(6), e0199247. doi: 10.1371/journal.pone.0199247. Available at <https://goo.gl/hzGNeb>
- 958 Skagerlund, K., Lind, T., Strömbäck, C., Tinghög, G., & Västfjäll, D. (2018). Financial literacy and the role of numeracy—How individuals' attitude and affinity with numbers influence financial literacy. *Journal of Behavioral and Experimental Economics*, *74*, 18–25. doi: 10.1016/j.socec.2018.03.004. Available at <https://goo.gl/Cb4Z8u>
- 925 Slovic, P. (2018, June 9). *The more who die, the less we care: Confronting genocide and the numbing arithmetic of compassion*. Presentation delivered at TEDxKakumaCamp, Kakuma, Kenya. Available at <https://goo.gl/nw3TYe>
- 960 Slovic, P., & Quist, A. (2018, December 5). Why Congress suddenly cares about Yemen: It's about psychology, not politics. *Politico*. <https://www.politico.com/magazine/story/2018/12/05/congress-yemen-psychology-222759>. Available at <https://goo.gl/b6vSed>
- 930 Svenson, O., Gonzalez, N., & Eriksson, G. (2018). Different heuristics and same bias: A spectral analysis of biased judgments and individual decision rules. *Judgment and Decision Making*, *13*, 401–412. Available at <https://goo.gl/q1bkuu>
- 916 Svenson, O., Gonzalez, N., Memon, A., & Lindholm, T. (2018). Information about expert decision and post-decision distortion of facts of own decision. *Scandinavian Journal of Psychology: Cognition and Neurosciences*, *59*, 127–134. doi: 10.1111/sjop.12418.
- 918 Van Boven, L., & Slovic, P. (2018, January 28). The psychological trick behind Trump's misleading terror statistics. *Politico*. <https://www.politico.com/magazine/story/2018/01/28/trump-administration-terror-statistics-216541>. Available at <https://goo.gl/whtPb1>
-
- 2017**
- 947 Asutay, E., & Västfjäll, D. (2017). Exposure to arousal-inducing sounds facilitates visual search. *Scientific Reports*, *7*, 10363. doi: 10.1038/s41598-017-09975-8. Available at <https://goo.gl/AGIG8k>
- 896 Dahmen, N. S., & Slovic, P. (2017, April 13). How much power can an image actually wield? *The Conversation*. <http://theconversation.com/how-much-power-can-an-image-actually-wield-76069>. Available at <https://goo.gl/gkuqvK>
- 861 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
- 836 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. Available at <https://goo.gl/vrvp7E>
- 871 Gregory, R. (2017). The troubling logic of inclusivity in environmental consultations. *Science, Technology, & Human Values*, *42*, 144–165. doi: 10.1177/0162243916664016.
- 893 Gregory, R. (2017, March 14). Why environmental consultations don't work. *The Walrus*. <https://thewalrus.ca/why-environmental-consultations-dont-work/>. Available at <https://goo.gl/3LMrLG>
- 860 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
- 895 Harel, I., Kogut, T., Pinchas, M., & Slovic, P. (2017). Effect of media presentations on willingness to commit to organ donation. *PNAS*, *114*, 5159–5164. doi: 10.1073/pnas.1703020114
- 902 Johnson, B. B. (2017). Explaining Americans' responses to dread epidemics: An illustration with Ebola in late 2014. *Journal of Risk Research*, *20*, 1338–1357. doi: 10.1080/13669877.2016.1153507
- 966 Johnson, B. B. (2017). Hazard avoidance, symbolic and practical: The case of Americans' reported responses to Ebola. *Journal of Risk Research*. Advance online publication. doi: 10.1080/13669877.2017.1378252
- 892 Johnson, B. B., & Nakayachi, K. (2017). Examining associations between citizens' beliefs and attitudes about uncertainty and their earthquake risk judgments, preparedness intentions, and mitigation policy support in Japan and the United States. *International Journal of Disaster Risk Reduction*, *22*, 37–45. doi: 10.1016/j.ijdr.2017.02.019

- 900** Kahan, D. M., Peters, E., Dawson, E. C., & Slovic, P. (2017). Motivated numeracy and enlightened self-government. *Behavioural Public Policy*, *1*(1), 54–86. doi: 10.1017/bpp.2016.2. Available at <https://goo.gl/RaaBwM>
- 903** Kasperson, R. E., Slovic, P., Pidgeon, N., & Renn, O. (2017). Whose views really matter in the end? In R. E. Kasperson (Ed.), *Risk conundrums* (pp. 24–32). Abingdon, UK: Routledge.
- 948** Kirchler, M., Andersson, D., Bonn, C., Johannesson, M., Sørensen, E., Stefan, M., Tinghög, G., & Västfjäll, D. (2017). The effect of fast and slow decisions on risk taking. *Journal of Risk and Uncertainty*, *54*, 37–59. doi: 10.1007/s11166-017-9252-4. Available at <https://goo.gl/s5jXYv>
- 949** Koppel, L., Andersson, D., Morrison, I., Posadzy, K., Västfjäll, D., & Tinghög, G. (2017). The effect of acute pain on risky and intertemporal choice. *Experimental Economics*, *20*, 878–893. doi: 10.1007/s10683-017-9515-6. Available at <https://goo.gl/9SkLVf>
- 950** Koppel, L., Andersson, D., Morrison, I., Västfjäll, D., & Tinghög, G. (2017). The (null) effect of affective touch on betrayal aversion, altruism, and risk taking. *Frontiers in Behavioral Neuroscience*, *11*, 251. doi: 10.3389/fnbeh.2017.00251. Available at <https://goo.gl/ohQ8XF>
- 904** Kunreuther, H., Slovic, P., Olson, K. G. (2017). How can we improve decision making in the face of catastrophic risk? In R. E. Kasperson (Ed.), *Risk conundrums* (pp. 87–95). Abingdon, UK: Routledge.
- 858** Maier, S. R., Mayorga, M., & Slovic, P. (2017). Personalized news stories affect men as well as women. *Newspaper Research Journal*, *38*, 172–186. doi: 10.1177/0739532917716178
- 873** Maier, S. R., Slovic, P., & Mayorga, M. (2017). Reader reaction to news of mass suffering: Assessing the influence of story form and emotional response. *Journalism*, *18*, 1011–1029. doi: 10.1177/1464884916663597.
- 880** Majeed, B. A., Weaver, S. R., Gregory, K. R., Whitney, C. F., Slovic, P., Pechacek, T. F., & Eriksen, M. P. (2017). Changing perceptions of harm of e-cigarettes among U.S. adults, 2012–2015. *American Journal of Preventative Medicine*, *52*, 331–338. doi: 10.1016/j.amepre.2016.08.039. Available at <https://goo.gl/A39Z8X>
- 894** Nayak, P., Pechacek, T. F., Slovic, P., & Eriksen, M. P. (2017). Regretting ever starting to smoke: Results from a 2014 national survey. *International Journal of Environmental Research and Public Health*, *14*, 390. doi:10.3390/ijerph14040390. Available at <http://www.mdpi.com/1660-4601/14/4/390>
- 912** Quist, A., & Slovic, P. (2017, September 6). The arithmetic of compassion. *It's Your Choice*. <https://blog.sjdm.org/2017/09/06/the-arithmetic-of-compassion/>. Available at <https://goo.gl/Xut1yA>
- 913** Quist, A., Slovic, P., & Slovic, S. (2017, November 14). The caveman and the bomb: Does Trump grasp the horror of his threat to “totally destroy” North Korea? *Scientific American*. <https://blogs.scientificamerican.com/observation/s/the-caveman-and-the-bomb-does-trump-grasp-the-horror-of-his-threat-to-totally-destroy-north-korea>. Available at <https://goo.gl/wQgAXq>
- 884** Rose, A., Avetisyan, M., Rosoff, H., Burns, W. J., Slovic, P., & Chan, O. (2017). The role of behavioral responses in the total economic consequences of terrorist attacks on U.S. air travel targets. *Risk Analysis*, *37*, 1403–1418. doi: 10.1111/risa.12727
- 951** Saarikallio, S., Baltazar, M., & Västfjäll, D. (2017). Adolescents' musical relaxation: Understanding related affective processing. *Nordic Journal of Music Therapy*, *26*(4), 376–389. doi: 10.1080/08098131.2016.1276097
- 905** Slovic, P., Gregory, R., Västfjäll, D., & Frank, D. (2017). How can we prevent the collapse of humanitarian values in foreign policy decisions? In R. E. Kasperson (Ed.), *Risk conundrums* (pp. 260–269). Abingdon, UK: Routledge.
- 883** Slovic, P., Västfjäll, D., Erlandsson, A., & Gregory, R. (2017). Iconic photographs and the ebb and flow of empathic response to humanitarian disasters. *PNAS*, *114*, 640–644. doi: 10.1073/pnas.1613977114. Available at <http://www.pnas.org/content/114/4/640>
- 952** Strömbäck, C., Lind, T., Skagerlund, K., Västfjäll, D., & Tinghög, G. (2017). Does self-control predict financial behavior and financial well-being? *Journal of Behavioral and Experimental Finance*, *14*, 30–38. doi: 10.1016/j.jbef.2017.04.002. Available at <https://goo.gl/TgZ8XG>
- 890** Svenson, O., & Eriksson, G. (2017). Mental models of driving and speed: Biases, choices and reality. *Transport Reviews*, *37*, 653–666. doi: 10.1080/01441647.2017.1289278

- 915 Svenson, O., Treurniet, D. (2017). Speed reductions and judgments of travel time loss: Biases and debiasing. *Transportation Research Part F, 51*, 145–153.
- 953 Tinghög, G., Andersson, D., & Västfjäll, D. (2017). Are individuals luck egalitarians?—An experiment on the influence of brute and option luck on social preferences. *Frontiers in Psychology, 8*, 460. doi: 10.3389/fpsyg.2017.00460. Available at <https://goo.gl/MYccFE>
- 897 Västfjäll, D., Erlandsson, A., Slovic, P., & Tinghög, G. (2017). Commentary: Empathy and its discontents. *Frontiers in Psychology, 8*, 542. doi: 10.3389/fpsyg.2017.00542. Available at <https://goo.gl/PWKqSS>
- 909 Weaver, S. R., Jazwa, A., Popova, L., Slovic, P., Rothenberg, R. B., & Eriksen, M. P. (2017). Worldviews and trust of sources for health information on electronic nicotine delivery systems: Effects on risk perceptions and use. *SSM: Population Health, 3*, 787–794. doi: 10.1016/j.ssmph.2017.09.003. Available at <https://goo.gl/ZMnbZD>
- 901 Zhang, Y., Chen, Z. J., & Li, H. (2017). Toward a model of risky decisions: Synergistic effect of affect intensity and affective processing on risk-seeking as a function of decision domain. *Journal of Experimental Social Psychology, 73*, 235–242. doi: 10.1016/j.jesp.2017.06.006
-
- 2016**
- 941 Asutay, E., & Västfjäll, D. (2016). Auditory attentional selection is biased by reward cues. *Scientific Reports, 6*, 36989. doi: 10.1038/srep36989. Available at <https://goo.gl/b5Y4sE>
- 942 Bergman, P., Västfjäll, D., Tajadura-Jiménez, A., & Asutay, E. (2016). Auditory-induced emotion mediates perceptual categorization of everyday sounds. *Frontiers in Psychology, 7*, 1565. doi: 10.3389/fpsyg.2016.01565. Available at <https://goo.gl/q6FVVK>
- 865 Bjälkebring, P., Västfjäll, D., Dickert, S., & Slovic, P. (2016). Greater emotional gain from giving in older adults: Age-related positivity bias in charitable giving. *Frontiers in Psychology, 7*, 846. doi: 10.3389/fpsyg.2016.00846. Available at <https://goo.gl/HLuVR6>
- 881 Bjälkebring, P., Västfjäll, D., Dickert, S., & Slovic, P. (2016). Response: Commentary: Greater emotional gain from giving in older adults: Age-related positivity bias in charitable giving. *Frontiers in Psychology, 7*, 1887. doi: 10.3389/fpsyg.2016.01887. Available at <https://goo.gl/QJu42D>
- 846 Bjälkebring, P., Västfjäll, D., Svenson, O., & Slovic, P. (2016). Regulation of experienced and anticipated regret in daily decision making. *Emotion, 16*, 381–386. doi: 10.1037/a0039861
- 872 Carpenter, D. M., Geryk, L. L., Chen, A. T., Nagler, R. H., Dieckmann, N. F., & Han, P. K. J. (2016). Conflicting health information: A critical research need. *Health Expectations, 19*, 1173–1182. doi: 10.1111/hex.12438. Available at <https://goo.gl/xwQF2s>
- 866 Dickert, S., Kleber, J., Västfjäll, D., & Slovic, P. (2016). Mental imagery, impact, and affect: A mediation model for charitable giving. *PLoS ONE, 11*(2), e0148274. doi: 10.1371/journal.pone.0148274. Available at <https://goo.gl/xQ7T44>
- 879 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. Available at <https://goo.gl/W9j5ou>
- 852 Ekane, N., Mertz, C. K., Slovic, P., Kjellén, M., & Westlund, H. (2016). Risk and benefit judgment of excreta as fertilizer in agriculture: An exploratory investigation in Rwanda and Uganda. *Human and Ecological Risk Assessment, 22*, 639–666. doi: 10.1080/10807039.2015.1100515
- 943 Erlandsson, A., Jungstrand, A. A., & Västfjäll, D. (2016). Anticipated guilt for not helping and anticipated warm glow for helping are differently impacted by personal responsibility to help. *Frontiers in Psychology, 7*, 1475. doi: 10.3389/fpsyg.2016.01475. Available at <https://goo.gl/2x1cMh>
- 906 Erlandsson, A., Västfjäll, D., Sundfelt, O., & Slovic, P. (2016). Argument-inconsistency in charity appeals: Statistical information about the scope of the problem decrease helping toward a single identified victim but not helping toward many non-identified victims in a refugee crisis context. *Journal of Economic Psychology, 56*, 126–140. doi: 10.1016/j.joep.2016.06.007
- 843 Gregory, R., Easterling, D., Kachele, N., & Trousdale, W. (2016). Values-based measures of impacts to indigenous health. *Risk Analysis, 36*, 1581–1588. doi: 10.1111/risa.12533

- 844** Gregory, R., Satterfield, T., & Hasell, A. (2016). Using decision pathway surveys to inform climate engineering policy choices. *PNAS*, *113*, 560–565. doi: 10.1073/pnas.1508896113
- 875** Han, P. K. J., Dieckmann, N. F., Holt, C., Gutheil, C., & Peters, E. (2016). Factors affecting physicians' intentions to communicate personalized prognostic information to cancer patients at the end of life: An experimental vignette study. *Medical Decision Making*, *36*, 703–713. doi: 10.1177/0272989X16638321.
- 944** Helsing, M., Västfjäll, D., Bjälkebring, P., Juslin, P. N., & Hartig, T. (2016). An experimental field study of the effects of listening to self-selected music on emotions, stress, and cortisol levels. *Music and Medicine*, *8*(4), 187–198.
- 885** Ivanov, B., Burns, W. J., Sellnow, T. L., Petrun Sayers, E. L., Veil, S. R., & Mayorga, M. W. (2016). Using an inoculation message approach to promote public confidence in protective agencies. *Journal of Applied Communication Research*, *44*, 381–398. doi: 10.1080/00909882.2016.1225165
- 851** Johnson, B. B., & Finkel, A. M. (2016). Public perceptions of regulatory costs, their uncertainty and interindividual distribution. *Risk Analysis*, *36*, 1148–1170. doi: 10.1111/risa.12532
- 940** Kogut, T., Slovic, P., & Västfjäll, D. (2016). The effect of recipient identifiability and neediness on children's sharing behavior. *Journal of Behavioral Decision Making*, *29*, 353–362.
- 945** Nilsson, A., Erlandsson, A., & Västfjäll, D. (2016). The congruency between moral foundations and intentions to donate, self-reported donations, and actual donations to charity. *Journal of Research in Personality*, *65*, 22–29. doi: 10.1016/j.jrp.2016.07.001
- 898** Sah, S., Tannenbaum, D., Cleary, H., Feldman, Y., Glaser, J., Lerman, A., MacCoun, R., Maguire, E., Slovic, P., Spellman, B., Spohn, C., & Winship, C. (2016). Combating biased decisionmaking & promoting justice & equal treatment. *Behavioral Science & Policy*, *2*(2), 79–87. Available at <https://goo.gl/KekfRW>
- 854** Slovic, P. (2016, January/February). Understanding perceived risk: 1978–2015. *Environment*, *58*(1), 25–29.
- 878** Slovic, P., & Dahmen, N. S. (2016, September 2). A year after Aylan Kurdi's tragic death, the world is still numb to the Syrian refugee crisis. *Quartz*. <http://qz.com/772819/aylan-kurdis-tragic-death-a-year-ago-didnt-stop-us-from-staying-numb-to-the-syrian-refugee-crisis/>. (Reprinted as It takes more than haunting images to get nations to act, 2016, September 7, *The Register-Guard*, p. A9.) Available at <https://goo.gl/kdICmK>
- 840** Slovic, P., Västfjäll, D., Gregory, R., & Olson, K. G. (2016). Valuing lives you might save: Understanding psychic numbing in the face of genocide. In C. H. Anderton & J. Brauer (Eds.), *Economic aspects of genocides, other mass atrocities, and their prevention* (pp. 613–638). New York: Oxford University Press.
- 874** Slovic, S., & Slovic, P. (2016, July 31). Climate change is genocide for island nations. *The Register-Guard*, p. G4. Available at <https://goo.gl/SgqtHA>
- 864** Svenson, O. (2016). Towards a framework for human judgements of quantitative information: The numerical judgement process, NJP model. *Journal of Cognitive Psychology*, *28*, 884–898. doi: 10.1080/20445911.2016.1188822
- 946** Tinghög, G., Andersson, D., Bonn, C., Johannesson, M., Kirchler, M., Koppel, L., & Västfjäll, D. (2016). Intuition and moral decision-making—the effect of time pressure and cognitive load on moral judgment and altruistic behavior. *PLoS ONE*, *11*(10), e0164012. doi: 10.1371/journal.pone.0164012. Available at <https://goo.gl/a43azq>
- 859** Västfjäll, D., Slovic, P., Burns, W. J., Erlandsson, A., Koppel, L., Asutay, E., & Tinghög, G. (2016). The arithmetic of emotion: Integration of incidental and integral affect in judgments and decisions. *Frontiers in Psychology*, *7*, 325. doi: 10.3389/fpsyg.2016.00325. Available at <https://goo.gl/h9dFpi>

2015

- 936** Asutay, E., & Västfjäll, D. (2015). Attentional and emotional prioritization of the sounds occurring outside the visual field. *Emotion*, *15*, 281–286.
- 937** Asutay, E., & Västfjäll, D. (2015). Negative emotion provides cues for orienting auditory spatial attention. *Frontiers in Psychology*, *6*, 618. doi: 10.3389/fpsyg.2015.00618. Available at <https://goo.gl/jdAXLK>

- 853** Baberini, M., Coleman, C., Slovic, P., & Västfjäll, D. (2015). Examining the effects of photographic attributes on sympathy, emotions, and donation behavior. *Visual Communication Quarterly*, 22, 118–128. doi: 10.1080/15551393.2015.1061433
- 818** Beaudrie, C., Kandlikar, M., Gregory, R., Long, G., & Wilson, T. (2015). Nanomaterial risk screening: A structured approach to aid decision making under uncertainty. *Environment Systems and Decisions*, 35, 88–109.
- 938** Bjälkebring, P., Västfjäll, D., & Johansson, B. E. A. (2015). Happiness and arousal: Framing happiness as arousing results in lower happiness ratings for older adults. *Frontiers in Psychology*, 6, 706. doi: 10.3389/fpsyg.2015.00706. Available at <https://goo.gl/A9GJxD>
- 834** Dickert, S., Västfjäll, D., Kleber, J., & Slovic, P. (2015). Scope insensitivity: The limits of intuitive valuation of human lives in public policy. *Journal of Applied Research in Memory and Cognition*, 4, 248–255. doi: 10.1016/j.jarmac.2014.09.002
- 835** Dickert, S., Västfjäll, D., Mauro, R., & Slovic, P. (2015). The feeling of risk: Implications for risk perception and communication. In H. Cho, T. Reimer, & K. A. McComas (Eds.), *The SAGE handbook of risk communication* (pp. 41–54). Thousand Oaks, CA: Sage Publications.
- 891** Dickert, S., Västfjäll, D., & Slovic, P. (2015). Neuroeconomics and dual information processes underlying charitable giving. In E. A. Wilhelm & V. F. Reyna (Eds.), *Neuroeconomics, judgment, and decision making* (pp. 181–199). New York: Psychology Press.
- 850** Dieckmann, N. F., Peters, E., & Gregory, R. (2015). At home on the range? Lay interpretations of numerical uncertainty ranges. *Risk Analysis*, 35, 1281–1295. doi: 10.1111/risa.12358
- 857** Dieckmann, N. F., Peters, E., Leon, J., Benavides, M., Baker, D. P., & Norris, A. (2015). The role of objective numeracy and fluid intelligence in sex-related protective behaviors. *Current HIV Research*, 13, 337–346.
- 845** Eriksson, G., Patten, C. J. D., Svenson, O., & Eriksson, L. (2015). Estimated time of arrival and debiasing the time saving bias. *Ergonomics*, 58, 1939–1946. doi: 10.1080/00140139.2015.1051592
- 888** Giesecke, J., Burns, W. J., Rose, A., Barrett, A., & Griffith, M. (2015). Regional dynamics under adverse physical and behavioral shocks: The economic consequences of a chlorine terrorist attack in the Los Angeles financial district. In P. Nijkamp, A. Rose & K. Kourtit (Eds.), *Regional science matters: Studies dedicated to Walter Isard* (pp. 319–350). Berlin: Springer.
- 867** Gregory, R., & Slovic, P. (2015). *Structuring intervention decisions to prevent genocide and mass atrocities* (Working Paper No. 15-02). Eugene, OR: Decision Research. Available at <https://goo.gl/P4HkKv>
- 939** Hagman, W., Andersson, D., Västfjäll, D., & Tinghög, G. (2015). Public views on policies involving nudges. *Review of Philosophy and Psychology*, 6, 439–453.
- 842** Johnson, B. B., Hallman, W. K., & Cuite, C. L. (2015). Modeling retrospective attribution of responsibility to hazard-managing institutions: An example involving a food contamination incident. *Risk Analysis*, 35, 423–433. doi: 10.1111/risa.12292
- 841** Johnson, B. B., & Slovic, P. (2015). Fearing or fearsome Ebola communication? Keeping the public in the dark about possible post-21-day symptoms and infectiousness could backfire. *Health, Risk & Society*, 17, 458–471. doi: 10.1080/13698575.2015.1113237
- 838** Kogut, T., Slovic, P., & Västfjäll, D. (2015). Scope insensitivity in helping decisions: Is it a matter of culture and values? *Journal of Experimental Psychology: General*, 144, 1042–1052. doi: 10.1037/a0039708
- 817** Rozin, P., Haddad, B., Nemeroff, C., & Slovic, P. (2015). Psychological aspects of the rejection of the recycled water: Contamination, purification and disgust. *Judgment and Decision Making*, 10, 50–63.
- 877** Slovic, P. (2015). The ethics of preference management: Risk values and decisions. In P. Aerni, K.-J. Grün, & I. Kummert (Eds.), *Trouble with morals: A plea for a new business ethics* (pp. 127–138). Wiesbaden, Germany: Springer.
- 870** Slovic, P. (2015). The prominence effect: Confronting the collapse of humanitarian values in foreign policy decisions. In S. Slovic & P. Slovic (Eds.), *Numbers and nerves: Information, emotion, and meaning in a world of data* (pp. 53–61). Corvallis, OR: Oregon State University Press.

- 829** Slovic, P. (2015). When (in)action speaks louder than words: Confronting the collapse of humanitarian values in foreign policy decisions. *Illinois Law Review Slip Opinions*, 2015, 24–31. Available at <https://goo.gl/ZHPFhe>
- 839** Slovic, P., & Västfjäll, D. (2015). The more who die, the less we care: Psychic numbing and genocide. In S. Kaul & D. Kim (Eds.), *Imagining human rights* (pp. 55–68). Berlin: De Gruyter.
- 868** Slovic, P., & Västfjäll, D. (2015). The more who die, the less we care: Psychic numbing and genocide. In S. Slovic & P. Slovic (Eds.), *Numbers and nerves: Information, emotion, and meaning in a world of data* (pp. 27–41). Corvallis, OR: Oregon State University Press.
- 847** Slovic, S., & Slovic, P. (2015, December 6). The arithmetic of compassion. *The New York Times*, p. SR10. Available at <https://goo.gl/fPBuUD>
- 869** Västfjäll, D., Slovic, P., & Mayorga, M. (2015). Pseudoinefficacy and the arithmetic of compassion. In S. Slovic & P. Slovic (Eds.), *Numbers and nerves: Information, emotion, and meaning in a world of data* (pp. 42–52). Corvallis, OR: Oregon State University Press.
- 830** Västfjäll, D., Slovic, P., & Mayorga, M. (2015). Pseudoinefficacy: Negative feelings from children who cannot be helped reduce warm glow for children who can be helped. *Frontiers in Psychology*, 6(616). doi: 10.3389/fpsyg.2015.00616. Available at <https://goo.gl/o5GAFn>
- 822** Weller, J.A., Moholy, M., Bossard, E., & Levin, I.P. (2015). Preadolescent decision-making competence predicts interpersonal strengths and difficulties: A 2-year prospective study. *Journal of Behavioral Decision Making*, 28, 76–88.
- 876** Wiss, J., Andersson, D., Slovic, P., Västfjäll, D., & Tinghög, G. (2015). The influence of identifiability and singularity in moral decision making. *Judgment and Decision Making*, 10, 492–502. Available at <https://goo.gl/U5GKwB>
-
- 2014**
- 809** 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*.
- 935** Asutay, E., & Västfjäll, D. (2014). Emotional bias in change deafness in multisource auditory environments. *Journal of Experimental Psychology: General*, 143, 27–32.
- 886** Dillon, R. L., Tinsley, C. H., & Burns, W. J. (2014). Evolving risk perceptions about near-miss terrorist events. *Decision Analysis*, 11, 27–42. doi: 10.1287/deca.2013.0286
- 887** Dillon, R. L., Tinsley, C. H., & Burns, W. J. (2014). Near-misses and future disaster preparedness. *Risk Analysis*, 34, 1907–1922. doi: 10.1111/risa.12209
- 748** Gonzalez, N., & Svenson, O. (2014). Growth and decline of assets: On biased judgments of asset accumulation and investment decisions. *Polish Psychological Bulletin*, 45, 29–35. doi: 10.2478/ppb-2014-0005
- 798** 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.
- 810** Johnson, B. B. (2014). Communication challenges for complex policy issues: An illustration with multimedia radon mitigation. *Environmental Practice*, 16, 113–126. doi: 10.1017/S1466046614000039
- 823** Johnson, B. B. (2014). How perceived gains and losses from nature trails affect trail management preferences. *Journal of Environmental Psychology*, 40, 430–439.
- 824** Johnson, B. B., & Horowitz, L. S. (2014). Beliefs about ecological impacts predict deer acceptance capacity and hunting support. *Society & Natural Resources*, 27(9), 915–930.
- 855** Johnson, B. B., & Waishwell, L. (2014). Q method can identify diverse perspectives on ‘helpful’ information on cancer clusters and inform risk communication generally. *Journal of Risk Research*, 17, 1125–1145. doi: 10.1080/13669877.2013.879491
- 812** King, J., & Slovic, P. (2014). The affect heuristic in early judgments of product innovations. *Journal of Consumer Behaviour*, 13, 411–428. doi: 10.1002/cb.1491
- 816** Svenson, O., Gonzalez, N., & Eriksson, G. (2014). Modeling and debiasing resource saving judgements. *Judgment and Decision Making*, 9, 465–478
- 849** Svenson, O., & Tyszka, T. (2014). Psychological processes in decision making: Probabilities, risk and chance. *Polish Psychological Bulletin*, 45, 1–2. doi: 10.2478/ppb-2014-0001

- 813** Västfjäll, D., Peters, E., & Slovic, P. (2014). The affect heuristic, mortality salience, and risk: Domain-specific effects of a natural disaster on risk-benefit perception. *Scandinavian Journal of Psychology*, *55*, 527–532. doi: 10.1111/sjop.12166
- 811** Västfjäll, D., Slovic, P., Mayorga, M., & Peters, E. (2014). Compassion fade: Affect and charity are greatest for a single child in need. *PLoS ONE*, *9*(6), e100115. Available at <https://goo.gl/KzSjEz>
- 814** Weller, J. A., Buchanan, T., Shackelford, C., Morganstern, A., Hartman, J., Yuska, J., & Denburg, N. (2014). Diurnal cortisol rhythm is associated with increased risky decision making in older adults. *Psychology and Aging*, *29*, 271–83.
-
- 2013**
- 821** Andrews, J. A., Gordon, J. S., Hampson, S. H., Gunn, B., Christiansen, S. M., & Slovic, P. (2013). Long-term efficacy of Click City: Tobacco: A school-based tobacco prevention program. *Nicotine & Tobacco Research*, *16*, 33–41.
- 932** Bjälkebring, P., Västfjäll, D., & Johansson, B. (2013). Regulation of experienced and anticipated regret for daily decisions in younger and older adults in a Swedish one-week diary study. *GeroPsych*, *26*(4), 233–241.
- 933** Carpenter, S. M., Peters, E., Västfjäll, D., & Isen, A. M. (2013). Positive feelings facilitate working memory and complex decision making among older adults. *Cognition and Emotion*, *27*, 184–192.
- 807** Eriksson, G., Svenson, O., & Eriksson, L. (2013). The time-saving bias: Judgements, cognition and perception. *Judgment and Decision Making*, *8*, 492–497.
- 791** Failing, L., Gregory, R., & Higgins, P. (2013). Science, uncertainty, and values in ecological restoration: A case study in structured decision-making and adaptive management. *Restoration Ecology*, *21*, 422–433. doi: 10.1111/j.1526-100X.2012.00919.x
- 806** Genevsky, A., Västfjäll, D., Slovic, P., & Knutson, B. (2013). Neural underpinnings of the identifiable victim effect: Affect shifts preferences for giving. *The Journal of Neuroscience*, *33*, 17188–17196.
- 805** Gorokhovich, Y., Leiserowitz, A., & Dugan, D. (2013). Integrating coastal vulnerability and community-based subsistence resource mapping in northwest Alaska. *Journal of Coastal Research*, *30*, 158–169. doi: 10.2112/JCOASTRES-D-13-00001
- 808** Gregory, R., Arvai, J., & Gerber, L. R. (2013). Structuring decisions for managing threatened and endangered species in a changing climate. *Conservation Biology*, *27*, 1212–1221. doi: 10.1111/cobi.12165
- 833** Kahan, D. M., Peters, E., Dawson, E. C., & Slovic, P. (2013). Motivated numeracy and enlightened self-government (Working Paper No. 16). The Cultural Cognition Project at Yale Law School. Available at <https://goo.gl/MgVUyM>
- 799** Johnson, B. B., & Sciascia, J. (2013). Views on black bear management in New Jersey. *Human Dimensions of Wildlife: An International Journal*, *18*, 249–262.
- 802** Markowitz, E. M., Slovic, P., Västfjäll, D., & Hodges, S. D. (2013). Compassion fade and the challenge of environmental conservation. *Judgment and Decision Making*, *8*, 397–406.
- 804** Martin, E., DeHaan, S., Vassileva, J., Gonzalez, R., Weller, J. A., & Bechara, A. (2013). Decision making among HIV+ drug using men who have sex with men: A preliminary report from the Chicago Multicenter AIDS Cohort Study. *Journal of Clinical and Experimental Neuropsychology*, *35*, 573–583.
- 889** Rosoff, H., Siko, R., John, R., & Burns, W. J. (2013). Should I stay or should I go?: An experimental study of health and economic government policies following a severe biological agent release. *Environment, Systems and Decisions*, *33*, 121–137. doi: 10.1007/s10669-012-9431-4
- 792** Satterfield, T., Gregory, R., Klain, S., Roberts, M., & Chan, K. M. (2013). Culture, intangibles, and metrics in environmental management. *Journal of Environmental Management*, *117*, 103–114.
- 795** Slovic, P. (2013, April 21). A new front in genocide fight [Editorial]. *The Register Guard*, pp. G1, G4.
- 783** Slovic, P. (2013, February 11). Children everywhere need protection. *The Ottawa Citizen*.

- 779 Slovic, P., & Västfjäll, D. (2013). The more who die, the less we care: Psychic numbing and genocide. In A. J. Oliver (Ed.), *Behavioural public policy* (pp. 94–114). UK: Cambridge University Press.
- 736 Slovic, P., Zionts, D., Woods, A. K., Goodman, R., & Jinks, D. (2013). Psychic numbing and mass atrocity. In E. Shafir (Ed.), *The behavioral foundations of public policy* (pp. 126–142). NJ: Princeton University Press.
- 800 Svenson, O., Eriksson, G., & Mertz, C. K. (2013). Debiasing overoptimistic beliefs about braking capacity. *Accident Analysis and Prevention, 58*, 75–80.
- 643 Svenson, O. (2013). Motivation, decision theory, and human decision making. In S. Kreitler (Ed.) *Cognition and motivation: Forging an interdisciplinary perspective* (pp. 307–320). New York: Cambridge University Press.
- 934 Tinghög, G., Andersson, D., Bonn, C., Böttiger, H., Josephson, C., Lundgren, G., Västfjäll, D., Kirchler, M., & Johannesson, M. (2013). Intuition and cooperation reconsidered. *Nature, 498*, E1–E2. doi:10.1038/nature12194.
- 794 Västfjäll, D., & Slovic, P. (2013). Cognition and emotion in judgment and decision making. In M. D. Robinson, E. R. Watkins, & E. Harmon-Jones (Eds.), *Handbook of cognition and emotion* (pp. 252–271). New York: Guilford Press.
- 781 Weller, J. A., Dieckmann, N. F., Tusler, M., Mertz, C. K., Burns, W. J., & Peters, E. (2013). Development and testing of an abbreviated numeracy scale: A Rasch analysis approach. *Journal of Behavioral Decision Making, 26*, 198–212. doi: 10.1002/bdm.1751
- 787 Weller, J. A., & Fisher, P. A. (2013). Decision-making deficits among maltreated children. *Child Maltreatment, 18*, 184–194. doi: 10.1177/1077559512467846
- 788 Weller, J. A., Shackelford, C., Dieckmann, N. F., & Slovic, P. (2013). Possession attachment predicts cell phone use while driving. *Health Psychology, 32*, 379–387. doi: 10.1037/a0029265
-
- 2012**
- 752 Aldy, J. E., Kotchen, M. J., & Leiserowitz, A. A. (2012). Willingness to pay and political support for a US national clean energy standard. *Nature Climate Change, 2*, 596–599. doi: 10.1038/NCLIMATE1527
- 790 Arvai, J. L., Gregory, R., Bessette, D., & Campbell-Arvai, V. (2012). Decision support for developing energy strategies. *Issues in Science and Technology, 28*(4), 43–52.
- 759 Arvai, J. L., & Post, K. (2012). Risk management in a developing country context: Improving decisions about point-of-use water treatment among the rural poor in Africa. *Risk Analysis, 32*, 67–80.
- 767 Burns, W. J., Peters, E., & Slovic, P. (2012). Risk perception and the economic crisis: A longitudinal study of the trajectory of perceived risk. *Risk Analysis, 32*, 659–677.
- 756 Burns, W. J., & Slovic, P. (2012). Risk perception and behaviors: Anticipating and responding to crises [Introduction to the special series]. *Risk Analysis, 32*, 579–582.
- 801 Campbell-Arvai, V., Arvai, J., & Kalof, L. (2012). Motivating sustainable food choices: The role of nudges, value orientation, and information provision. *Environment and Behavior, 46*, 453–475. doi:10.1177/0013916512469099
- 778 Dickert, S., Västfjäll, D., Kleber, J., & Slovic, P. (2012). Valuations of human lives: Normative expectations and psychological mechanisms of (ir)rationality. *Synthese, 189*, 95–105.
- 750 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.
- 815 Eriksson, G., & Svenson, O. (2012). Driving faster or slower? Biased judgments of fuel consumption at changing speeds. In N. Stanton. (Ed.), *Advances in Human Aspects of Road and Railtransportation* (pp. 293–297), London: CRC Press.
- 764 Feldman, L., Maibach, E. W., Roser-Renouf, C., & Leiserowitz, A. (2012). Climate on cable: The nature and impact of global warming coverage on Fox News, CNN, and MSNBC. *The International Journal of Press/Politics, 17*, 3–31.
- 737 Giesecke, J. A., Burns, W. J., Barrett, A., Bayrak, E., Rose, A., Slovic, P., & Suher, M. (2012). Assessment of the regional economic impacts of catastrophic events: CGE analysis of resource loss and behavioral effects of an RDD attack scenario. *Risk Analysis, 32*, 583–600.

- 754 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
- 740 Gregory, R., Harstone, M., Rix, G., & Bostrom, A. (2012). Seismic risk decisions at ports: Multiple challenges, multiple perspectives. *Natural Hazards Review*, 13(88).
- 749 Gregory, R., Long, G., Colligan, M., Geiger, J. G., & Laser, M. (2012). When experts disagree (and better science won't help much): Using structured deliberations to support endangered species recovery planning. *Journal of Environmental Management*, 105, 30–43.
- 825 Johnson, B.B. (2012). Climate change communication: A provocative inquiry into motives, meanings, and means. *Risk Analysis*, 32(6), 973–991.
- 826 Johnson, B.B. (2012). Experience with urban air pollution in Paterson, New Jersey and implications for air pollution communication. *Risk Analysis*, 32, 39–53.
- 782 Kahan, D. M., Peters, E., Wittlin, M., Slovic, P., Ouellette, L. L., Braman, D., & Mandel, G. (2012). The polarizing impact of science literacy and numeracy on perceived climate change risks. *Nature Climate Change*, 2, 732–735.
- 755 Levin, I. P., Xue, G., Weller, J. A., Reimann, M., Lauriola, M., & Bechara, A. (2012). A neuropsychological approach to understanding risk-taking for potential gains and losses. *Frontiers in Neuroscience*, 6(15).
- 757 McDaniels, T., Mills, T., Gregory, R., & Ohlson, D. (2012). Using expert judgments to explore robust alternatives for forest management under climate change. *Risk Analysis*, 32, 2098–2112.
- 765 Mead, E., Roser-Renouf, C., Rimal, R. N., Flora, J. A., Maibach, E. W., & Leiserowitz, A. (2012). Information seeking about global climate change among adolescents: The role of risk perceptions, efficacy beliefs, and parental influences. *Atlantic Journal of Communication*, 20, 31–52.
- 753 Peters, E., Kunreuther, H., Sagara, N., Slovic, P., & Schley, D. R. (2012). Protective measures, personal experience, and the affective psychology of time. *Risk Analysis*, 32, 2084–2097. doi: 10.1111/j.1539-6924.2012.01810.x
- 797 Riley, S. J., & Gregory, R. S. (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. 101–111). Baltimore, MD: Johns Hopkins University Press.
- 784 Rosoff, H., John, R., Burns, W. J., & Siko, R. (2012). Structuring uncertainty and conflicting objectives for life or death decisions following an urban biological catastrophe. *Journal of Integrated Disaster Risk Management*, 1, 1–21.
- 819 Rubaltelli, E., Dickert, S., & Slovic, P. (2012). Response mode, compatibility, and dual-processes in the evaluation of simple gambles: An eye-tracking investigation. *Judgment and Decision Making*, 7, 427–440.
- 785 Slovic, P. (2012). Communication challenges in managing social and economic impacts of emerging and infectious diseases. In *Emerging and persistent infectious diseases (EPID): Focus on the societal and economic context* (pp. 54–64). Fairfax, VA: Institute on Science for Global Policy.
- 775 Slovic, P. (2012). The perception gap: Radiation and risk. *Bulletin of the Atomic Scientists*, 68(3), 67–75.
- 777 Slovic, P. (2012). The “value” of smoking: An editorial. *Health, Risk & Society*, 14, 409–414.
- 760 Slovic, P., Västfjäll, D., & Gregory, R. (2012). Informing decisions to prevent genocide. *SAIS Review*, 32(1), 33–47.
- 665 Slovic, P., & Zions, D. (2012). Can international law stop genocide when our moral intuitions fail us? In R. Goodman, D. Jinks, & A. K. Woods (Eds.), *Understanding social action, promoting human rights* (pp. 100–128). New York, NY: Oxford University Press.
- 766 Smith, N., & Leiserowitz, A. (2012). The rise of global warming skepticism: Exploring affective image associations in the United States over time. *Risk Analysis*, 32, 1021–1032. doi: 10.1111/j.1539-6924.2012.01801.x
- 744 Svenson, O., Eriksson, G., & Gonzalez, N. (2012). Braking from different speeds: Judgments of collision speed if a car does not stop in time. *Accident Analysis and Prevention*, 45, 487–492.
- 803 Svenson, O., Eriksson, G., Slovic, P., Mertz, C. K., & Fuglestad, T. (2012). Effects of main actor, outcome and affect on biased braking speed judgments. *Judgment and Decision Making*, 7, 235–243.

- 780 Weller, J. A., & Thulin, E. W. (2012). Do honest people take fewer risks? Personality correlates of risk-taking to achieve gains and avoid losses in HEXACO space. *Personality and Individual Differences, 53*, 923–926.

2011

- 820 Andrews, J. A., Gordon, J. S., Hampson, S. H., Christiansen, S. M., Gunn, B., Slovic, P., & Severson, H. H. (2011). Short-term efficacy of Click City: Tobacco: Changing etiological mechanisms related to the onset of tobacco use. *Prevention Science, 12*, 89–102.
- 730 Bäck, E. A., Esaiasson, P., Gilljam, M., Svenson, O., & Lindholm, T. (2011). Post-decision consolidation in large group decision-making. *Scandinavian Journal of Psychology, 52*, 320–328.
- 758 Burgman, M., Carr, A., Godden, L., Gregory, R., McBride, M., Flander, L., & Maguire, L. (2011). Redefining expertise and improving ecological judgment. *Conservation Letters, 4*, 81–87.
- 748 Burns, W. J., Reilly, C., & Slovic, P. (2011, December). The attack on Flight 253, the Haiti Earthquake, and the Japanese disaster: A longitudinal look at emotional reactions, risk-related behaviors, and support for policy measures. *The CIP Report*, pp. 22–24, 34.
- 745 Dickert, S., Kleber, J., Peters, E., & Slovic, P. (2011). Numeracy as a precursor to pro-social behavior: The impact of numeracy and presentation format on the cognitive mechanisms underlying donation decisions. *Judgment and Decision Making, 6*, 638–650.
- 687 Dickert, S., Sagara, N., & Slovic, P. (2011). Affective motivations to help others: A two-stage model of donation decisions. *Journal of Behavioral Decision Making, 24*, 361–376. doi: 10.1002/bdm.697
- 746 Dickert, S. & Slovic, P. (2011). Unstable values in lifesaving decisions. *Frontiers in Psychology, 2*, 294.
- 768 Ding, D., Maibach, W. E., Zhao, X., Roser-Renouf, C., & Leiserowitz, A. (2011). Support for climate policy and societal action are linked to perceptions about scientific agreement. *Nature Climate Change, 1*, 462–466.
- 739 Donatuto, J., Satterfield, T., & Gregory, R. (2011). Poisoning the body to nourish the soul: Prioritising health risks and impacts in a Native American community. *Health, Risk, & Society, 13*, 103–127.
- 738 Frank, D. A., Slovic, P., & Västfjäll, D. (2011). “Statistics don’t bleed”: Rhetorical psychology, presence, and psychic numbing in genocide pedagogy. *JAC, 31*, 609–624.
- 688 Fraenkel, L., & Peters, E. (2011). Patients’ reaction to the disclosure of rare dreaded adverse events. *Patient Education and Counseling, 84*, e1–e4. doi: 10.1016/j.pec.2010.07.014
- 680 Gastil, J., Braman, D., Kahan, D., & Slovic, P. (2011). The cultural orientation of mass political opinion. *PS: Political Science & Politics, 44*, 711–714.
- 769 Gorokhovich, Y., & Leiserowitz, A. (2011). Historical and future coastal changes in Northwest Alaska. *Journal of Coastal Research, 28*, 174–186.
- 763 Johnson, B. B. (2011). Acculturation, ethnicity, and air pollution perceptions. *Risk Analysis, 31*, 984–999.
- 751 Kahan, D. M., Wittlin, M., Peters, E., Slovic, P., Ouellette, L. L., Braman, D., & Mandel, G. (2011). *The tragedy of the risk-perception commons: Culture conflict, rationality conflict, and climate change* (Cultural Cognition Project Working Paper No. 89). Available at <http://ssrn.com/abstract=1871503>
- 698 Kellon, D., & Arvai, J. (2011). Five propositions for improving decision making about the environment in developing communities: Insights from the decision sciences. *Journal of Environmental Management, 92*, 363–371.
- 772 Maibach, E. W., Leiserowitz, A., Roser-Renouf, C., & Mertz, C. K. (2011). Identifying like-minded audiences for global warming public engagement campaigns: An audience segmentation analysis and tool development. *PLoS ONE, 6*(3), e17571. doi: 10.1371/journal.pont.0017571. Available at <https://goo.gl/gxfU6R>
- 770 Nisbet, M. C., Maibach, E., & Leiserowitz, A. (2011). Framing peak petroleum as a human health issue: Audience research and participatory engagement. *American Journal of Public Health, 101*, 1620–1626.
- 773 Peters, E., Dieckmann, N. F., & Weller, J. (2011). Age differences in complex decision making. In K. W. Schaie & S. L. Willis (Eds.), *Handbook of the psychology of aging* (7th ed., pp. 133–151). Burlington, MA: Academic Press.

- 667 Ranyard, R., & Svenson, O. (2011). Verbal data and decision process analysis. In M. Schulte-Mecklenbeck, A. Kuehlberger, & R. Ranyard (Eds.) *A handbook of process tracing methods for decision research* (pp. 115–137). New York: Psychology Press.
- 796 Rosoff, H., John, R., Burns, W. J., & Maya, I. (2011). Scenario simulation group reactions to the aftermath of the Great Shakeout magnitude 7.8 earthquake. *Earthquake Spectra*, *27*, 597–614.
- 689 Schroy, P. C., III, Emmons, K., Peters, E., Glick, J. T., Robinson, P. A., Lydotes, M. A., . . . Heeren, T. C. (2011). The impact of a novel computer-based decision aid on shared decision making for colorectal cancer screening: A randomized trial. *Medical Decision Making*, *31*, 93–107. doi: 10.1177/0272989X10369007
- 735 Slovic, P. (2011, May 11). The psychology of intervention: Why we need a villain. *The Ottawa Citizen*, p. A10.
- 741 Svenson, O. (2011). Biased decisions concerning productivity. *Journal of Economic Psychology*, *32*, 440–445.
- 776 Svenson, O. (2011). The time saving bias and related human judgmental shortcomings. In W. Brun, G. Keren, G. Kirkebøen, & H. Montgomery (Eds.), *Perspectives on thinking, judging, and decision making* (pp. 120–132). Oslo, Norway: Universitetsforlaget.
- 743 Svenson, O., Eriksson, G., Salo, I., & Peters, E. (2011). Judgments of mean speed and predictions of route choice. *Transportation Research Part F: Traffic Psychology and Behaviour*, *14*, 504–511.
- 673 Weller, J. A., Levin, I. P., & Denburg, N. L. (2011). Trajectory of adaptive decision making for risky gains and losses from ages 5 to 85. *Journal of Behavioral Decision Making*, *24*, 331–344.
- 747 Weller, J. A., Levin, I. P., Rose, J. P., & Bossard, E. (2011). Assessment of decision-making competence in preadolescence. *Journal of Behavioral Decision Making*. doi: 10.1002/bdm.1744
- 671 Weller, J. A., & Tikir, A. (2011). Predicting domain-specific risk taking with the HEXACO personality structure. *Journal of Behavioral Decision Making*, *24*, 180–201.
- 771 Zhao, X., Leiserowitz, A., Maibach, E. W., & Roser-Renouf, C. (2011). Attention to science/environment news positively predicts and attention to political news negatively predicts global warming risk perceptions and policy support. *Journal of Communication*, *61*, 713–731.

2010

- 828 Johnson, B.B., & White, M.P. (2010). The importance of multiple performance criteria for understanding trust in risk managers. *Risk Analysis*, *30*, 1099–1115.
- 827 White, M.P., & Johnson, B.B. (2010). The intuitive detection theorist (idt) model of trust in risk managers. *Risk Analysis*, *30*, 1196–1209.
- 695 Arvai, J. L., & Froschauer, A. (2010). Good decisions, bad decisions: The interaction of process and outcome in evaluations of decision quality. *Journal of Risk Research*, *13*, 845–859.
- 793 Burns, W. J. (2010). Communicating about threat: Toward a resilient response to terrorism. In B. H. Friedman, J. Harper, & C. A. Preble (Eds.), *Terrorizing ourselves: Why U. S. counterterrorism policy is failing and how to fix it* (pp. 231–253). Washington, DC: Cato.
- 576 Burns, W. J., & Slovic, P. (2010). Predicting and modelling public response to a terrorist strike. In P. Slovic (Ed.), *The feeling of risk: New perspectives on risk perception* (pp. 285–306). London: Earthscan.
- 659 Daniel, D., Greene, J., & Peters, E. (2010). Screening question to identify patients with limited health literacy not enough [Letter to the editor]. *Family Medicine*, *42*, 7–8.
- 685 Dieckmann, N. F., Mauro, R., & Slovic, P. (2010). The effects of presenting imprecise probabilities in intelligence forecasts. *Risk Analysis*, *30*, 987–1001.
- 731 Fagerlin, A., Peters, E., Schwartz, A., & Zikmund-Fisher, B. J. (2010). Cognitive and affective influences on health decisions. In J. Suls, K. Davidson, & R. M. Kaplan (Eds.), *Handbook of health psychology and behavioral medicine* (pp. 49–63). New York: Guilford Press.
- 679 Gregory, N., & Gregory, R. (2010). A values-based framework for community food choices. *Environmental Values*, *19*, 99–119.
- 692 Kahan, D. M., Braman, D., Monahan, J., Callahan, L., & Peters, E. (2010). Cultural cognition and public policy: The case of outpatient commitment laws. *Law and Human Behavior*, *34*, 118–140.

- 678 Leiserowitz, A. (2010). Risk perceptions and behavior. In S. H. Schneider, A. Rosencranz, M. D. Mastrandrea, & K. Kuntz-Duriseti (Eds.), *Climate change science and policy* (pp. 175–184). Washington, DC: Island Press.
- 774 Leiserowitz, A., & Barstow, D. (2010). Education and communication. In National Research Council, *Informing an effective response to climate change* (pp. 251–282). Washington, DC: National Academies Press.
- 690 Lipkus, I. M., Peters, E., Kimmick, G., Liotcheva, V., & Marcom, P. (2010). Breast cancer patients' treatment expectations after exposure to the decision aid program Adjuvant Online: The influence of numeracy. *Medical Decision Making, 30*, 464–473.
- 693 Michel-Kerjan, E., & Slovic, P. (2010, October 7). The collapse of compassion. *The Huffington Post*. http://www.huffingtonpost.com/erwann-michelkerjan/pakistan-the-collapse-of-_b_751192.html. Available at <https://goo.gl/jA6ytQ>
- 697 Olsen, R. (2010) Toward a theory of behavioral finance: Implications from the natural sciences. *Qualitative Research in Financial Markets, 2*, 100–128.
- 666 Peters, E. (2010). Aging-related changes in decision making. In A. Drolet, N. Schwarz, & C. Yoon (Eds.), *The aging consumer: Perspectives from psychology and economics* (pp. 75–101). New York: Routledge.
- 686 Peters, E., Baker, D. P., Dieckmann, N. F., Leon, J., & Collins, J. (2010). Explaining the effect of education on health: A field study in Ghana. *Psychological Science, 21*, 1369–1376. doi: 10.1177/0956797610381506
- 661 Rivers, L., Arvai, J., & Slovic, P. (2010). Beyond a simple case of black and white: Searching for the White Male Effect in the African American community. *Risk Analysis, 30*, 65–77.
- 694 Rubaltelli, E., Pasini, G., Rumiati, R., Olsen, R., & Slovic, P. (2010). The influence of affective reactions on investment decisions. *Journal of Behavioral Finance, 11*, 168–176.
- 684 Rubaltelli, E., Rumiati, R., & Slovic, P. (2010). Do ambiguity avoidance and the comparative ignorance hypothesis depend on people's affective reactions? *Journal of Risk and Uncertainty, 40*, 243–254.
- 664 Slovic, P. (2010). The more who die, the less we care. In Michel-Kerjan, E., & Slovic, P. (Eds.), *The irrational economist: Decision making in a dangerous world* (pp. 30–40). New York: Public Affairs Press.
- 734 Slovic, P. (2010). The psychology of risk. *Saúde e Sociedade, 19*, 731–747. Available at <http://www.scielo.br/pdf/sausoc/v19n4/02.pdf>
- 733 Slovic, P. & Västfjäll, D. (2010). Affect, moral intuition, and risk. *Psychological Inquiry, 21*, 387–398.
- 636 Svenson, O., & Jakobsson, M. (2010). Creating coherence in real-life decision processes: Reasons, differentiation and consolidation. *Scandinavian Journal of Psychology, 51*, 93–102. doi: 10.1111/j.1467-9450.2009.00739.x
- 668 Svenson, O. & Salo, I. (2010). Effects of speed limit variation on judged mean speed of a trip. *Accident Analysis and Prevention, 42*, 704–708.
- 669 Weller, J. A., Levin, I. P., & Bechara, A. (2010). Do individual differences in Iowa Gambling Task performance predict adaptive decision making for risky gains and losses? *Journal of Clinical and Experimental Neuropsychology, 32*, 141–150.
- 696 Wilson, R. S., & Arvai, J. L. (2010). Why less is more: Exploring affect-based value judgment. *Journal of Risk Research, 13*, 399–409.

2009

- 789 Burns, W. J. (2009, January 5). The path well taken: Making the right decisions about risks from terrorism. *Cato Unbound*. <http://www.cato-unbound.org/2009/01/05/william-burns/the-path-well-taken-making-the-right-decisions-about-risks-from-terrorism/>. Available at <https://goo.gl/iLhRpR>
- 623 Denburg, N. L., Weller, J. A., Yamada, T. H., Shivapour, D. M., Kaup, A. R., LaLoggia, A., et al. (2009). Poor decision making among older adults is related to elevated levels of neuroticism. *Annals of Behavioral Medicine, 37*, 164–172.
- 645 Dickert, S., & Slovic, P. (2009, June). Attentional mechanisms in the generation of sympathy. *Judgment and Decision Making, 4*, 297–306. Available at <http://journal.sjdm.org/9417/jdm9417.pdf>
- 656 Dieckmann, N. F., Malle, B. F., & Bodner, T. E. (2009). An empirical assessment of meta-analytic practice. *Review of General Psychology, 13*, 101–115.

- 662 Dieckmann, N. F., Slovic, P., & Peters, M. E. (2009). The use of narrative evidence and explicit likelihood by decisionmakers varying in numeracy. *Risk Analysis*, 29, 1473–1488.
- 647 Epstein, R. M., & Peters, E. (2009). Beyond information: Exploring patient’s preferences. *JAMA*, 302, 195–197.
- 660 Fraenkel, L., & Peters, E. (2009). Patient responsibility for medical decision making and risky treatment options. *Arthritis Care and Research*, 61, 1674–1676.
- 691 Greene, J., & Peters, E. (2009). Medicaid consumers and informed decision making. *Health Care Financing Review*, 30(3), 25–40.
- 632 Gregory, R., & Long, G. (2009). Using structured decision making to help implement a precautionary approach to endangered species management. *Risk Analysis*, 9, 518–532.
- 644 Gregory, R. & Trousdale, W. (2009). Compensating aboriginal cultural losses: An alternative approach to assessing environmental damages. *Journal of Environmental Management*, 90, 2469–2479.
- 677 Hart, P. S., & Leiserowitz, A. A. (2009). Finding the teachable moment: An analysis of information-seeking behavior on global warming related websites during the release of *The Day After Tomorrow*. *Environmental Communication*, 3, 355–366.
- 639 Lipkus, I. M., & Peters, E. (2009). Understanding the role of numeracy in health: Proposed theoretical framework and practical insights. *Health Education and Health Behavior*.
- 676 Liu, J. C., & Leiserowitz, A. A. (2009). From red to green? Environmental attitudes and behavior in urban China. *Environment: Science and Policy for Sustainable Development*, 51(4), 32–45.
- 637 McComas, K. A., Arvai, J., & Besley, J. C. (2009). Linking public participation and decision making through risk communication. In R. L. Heath & H. D. O’Hair (Eds.), *Handbook of risk and crisis communication* (pp. 364–385). New York: Routledge.
- 630 Olsen, R. A. (2009, Spring). Animal foraging and investors’ portfolios: Why the decision similarity? *The Journal of Investing*, 7–14.
- 631 Olsen, R. A. (2009). Perceptions of financial risk: Axioms and affect. *ICFAI Journal of Behavioral Finance*, 5, 58–80.
- 675 Olsen, R. A. (2009). Variance and beta as perceived risk: Questionable science. *Qualitative Research in Financial Markets*, 1, 97–105.
- 663 Peters, E. (2009). A perspective on eating behaviors from the field of judgment and decision making. *Annals of Behavioral Medicine*.
- 658 Peters, E., & Castel, A. (2009). Numerical representation, math skills, memory, and decision-making [Peer commentary on the paper “Numerical representation in the parietal lobes: Abstract or not abstract?” by R. C. Kadosh & V. Walsh]. *Behavioral and Brain Sciences*, 32, 347–348.
- 473 Peters, E., Dieckmann, N. F., Västfjäll, D., Mertz, C. K., Slovic, P., & Hibbard, J. H. (2009). Bringing meaning to numbers: The impact of evaluative categories on decisions. *Journal of Experimental Psychology: Applied*, 15, 213–227.
- 683 Reyna, V. F., Nelson, W. L., Han, P. K., & Dieckmann, N. F. (2009). How numeracy influences risk comprehension and medical decision making. *Psychological Bulletin*, 135, 943–973.
- 831 Slovic, P. (2009, March). *Talking about recycled water—and stigmatizing it* (Report No. 15-01). Eugene, OR: Decision Research. Download this report at <http://www.decisionresearch.org/reports>.
- 649 Svenson, O. (2009). Driving speed changes and subjective estimates of time savings, accident risks and braking. *Applied Cognitive Psychology*, 23, 543–560.
- 646 Svenson, O., Salo, I., & Lindholm, T. (2009). Post decision consolidation and distortion of facts. *Judgment and Decision Making*, 4, 397–407.
- 672 Weller, J. A., Levin, I. P., Shiv, B., & Bechara, A. (2009). The effects of insula damage on decision-making for risky gains and losses. *Social Neuroscience*, 4, 347–358.
- 622 Weller, J. A., & Watson, D. (2009). Friend or foe? Differential use of the self-based heuristic as a function of relationship satisfaction. *Journal of Personality*, 77, 731–760.
- 621 Xue, G., Lu, Z., Levin, I. P., Weller, J. A., Li, X., & Bechara, A. (2009). Functional dissociations of risk and reward processing in the medial prefrontal cortex. *Cerebral Cortex*, 19, 1019–1027.

February, 2019

Please send me one copy of each reprint whose number is circled:

473 484 488 494 495 500 501 504 506 507 508 510 511 530 533 536 540 554 576
621 622 623 630 631 632 636 637 639 641 643 644 645 646 647 649 656 658 659
660 661 662 663 664 665 666 667 668 669 671 672 673 674 675 676 677 678 679
680 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 708 710
711 712 713 714 715 716 730 731 732 733 734 735 736 737 738 739 740 741 743
744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 762 763
764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782
783 784 785 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802
803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821
822 823 824 825 826 827 828 829 830 831 833 834 835 836 838 839 840 841 842
843 844 845 846 847 848 849 850 851 852 853 854 855 857 858 859 860 861 864
865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 883 884
885 886 887 888 889 890 891 892 893 894 895 896 897 898 900 901 902 903 904
905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923
924 925 926 927 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943
944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962
963 964 965 966 967 968 969 970 999

Because of rising printing and postage costs, we can supply only 5 copies free of charge. If you would like more than 5 or multiple copies of any item, they are available for \$3.00 per paper (our average cost). For a complete list of publications (from 1962), circle 999.

Please print the following mailing information:

Name:

Institution:

Address:

City, State/Province, &
Zip/Postal Code:

Country

RETURN THIS FORM TO:

Andrew Quist, Decision Research, 1201 Oak Street, Suite 200, Eugene, Oregon 97401 USA

Or Fax it to (541) 485-2403

Or Email your request to andrew@decisionresearch.org

VISIT OUR WEB SITE AT www.decisionresearch.org