## CAROLYN KOUSKY

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### **Education**

Ph.D., Public Policy, Harvard University, John F. Kennedy School of Government, 2008

B.S., Earth Systems, Stanford University, 2002, graduated with honors and distinction

## **Areas of Expertise**

Household and Community Resilience Risk and Insurance Natural Hazards Climate Adaptation Environmental and Natural Resource Economics

# **Professional Experience**

Fellow, Resources for the Future, Washington, D.C., 2008 – present

Visiting Scholar, Risk Management and Decision Processes Center, Wharton School of the University of Pennsylvania, Philadelphia, PA, Sept. 2006 – Jan. 2007; 2011 – present

Member of the Research Network for the Public Policy Institute of California's Water Policy Center, 2015 - present

#### **Other Professional Activities**

Member, Editorial Board of Economics of Disasters and Climate Change, 2016 - present

Member, National Research Council Committee on Analysis of Costs and Benefits of Reforms to the National Flood Insurance Program – Phase 1, 2013 - 2016

Member, Working Group on Flood Insurance Affordability for the NYC Mayor's Office of Long-Term Planning and Sustainability, 2013 - present

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- Member, Adaptation and Hazards Indicators Technical Team for the U.S. Global Change Research Program, National Climate Assessment, 2013- 2016
- Member, Climate Adaptation Committee of the National Hazards Mitigation Association, 2012-2014

### Honors, Fellowships, and Awards

- Recipient of the Tartufari International Prize in the Field of Socio-Economic Assessment of Natural Disasters from the Accademia Nazionale dei Lincei, 2013
- Science, Environment, and Development Group, Kennedy School of Government, Harvard University, Doctoral Research Fellow, 2004 2008
- Harvard Environmental Economics Program, Harvard University, Pre-doctoral Fellow, 2005 2008

Lincoln Institute of Land Policy Dissertation Fellowship, 2007 – 2008

Teresa Heinz Scholar for Environmental Research, 2006 – 2007

Joseph Crump Fellowship, Kennedy School of Government, 2005 – 2006

Phi Beta Kappa, 2002

Graduated with honors and distinction, 2002

#### **Publications**

#### **Journal Articles:**

- Epanchin-Niell, R., C. Kousky, A. Thompson, and M. Walls (forthcoming). "Threatened Protection: Sea Level Rise and Coastal Protected Lands of the Eastern United States." *Ocean and Coastal Management*.
- Kousky, C. and L. Shabman (forthcoming). "Funding Flood Risk Management: Pre- or Post-Disaster?" *Water Economics and Policy*.
- Kousky, C. (2016). "Disasters as Learning Experiences or Disasters as Policy Opportunities? Examining Flood Insurance Purchases after Hurricanes." *Risk Analysis*. DOI: 10.1111/risa.12646
- Kousky, C. (2016). "Impacts of Natural Disasters on Children." Future of Children. 26(1):73-92.

- H. Fell and C. Kousky (2015). "The Value of Levee Protection to Commercial Properties." *Ecological Economics*. 119:181-188.
- Kousky, C. and E. Michel-Kerjan (2015). "Examining Flood Insurance Claims in the United States." *Journal of Risk and Insurance*.
- Walls, M., C. Kousky, and Z. Chu (2015). "Is What You See What You Get? The Value of Natural Landscape Views." *Land Economics*. 91(1): 1-19.
- Kousky, C. (2015). A Historical Examination of The Corps of Engineers and Natural Valley Storage Protection: The Economics and Politics of "Green" Flood Control. *Journal of Natural Resources Policy Research*. 7(1): 23-40. DOI: 10.1080/19390459.2014.963372.
- M. Ranson, C. Kousky, M. Ruth, L. Jantarasami, A. Crimmins, and L. Tarquinio (2014). Tropical and Extratropical Cyclone Damages under Climate Change. *Climatic Change*. 127(2): 227-241. DOI 10.1007/s10584-014-1255-4.
- Kousky, C. and M. Walls (2014). "Floodplain Conservation as a Flood Mitigation Strategy: Examining Costs and Benefits." *Ecological Economics*. 104:119-128
- Kousky, C. and H. Kunreuther (2014). "Addressing Affordability in the National Flood Insurance Program." *Journal of Extreme Events*. (1)1: Article ID 1450001.
- Kousky, C. (2014). "Managing Shoreline Retreat: A US Perspective," *Climatic Change*. 124(1): 9-20.
- Kousky, C. (2014). "Informing Climate Adaptation: A Review of the Economic Costs of Natural Disasters." *Energy Economics.* 46: 576-592.
- Kousky, C. (2013). "Facts about FEMA Household Disaster Aid: Examining the 2008 Floods and Tornadoes in Missouri." *Weather, Climate, and Society*, 5(4): 332-344.
- Berger, A. M., Brown, C. L., Kousky, C., Laberteaux, K., and R. Zeckhauser (2013). "Where Americans Live: A Geographic and Environmental Tally." *Harvard Journal of Real Estate*, 1(1): 39-49.
- Kousky, C., S. M. Olmstead, M. A. Walls, and M. Macauley (2013). "Strategically Placing Green Infrastructure: Cost-Effective Land Conservation in the Floodplain." *Environmental Science & Technology*, 47(8): 3563–3570.
- Kousky, C. and R. Cooke (2012). "Explaining the Failure to Insure Catastrophic Risks." *The Geneva Papers on Risk and Insurance Issues and Practice*, 37(2): 206-227.
- Bin, O., Bishop, J., and C. Kousky (2012). "Redistributional Effects of the National Flood Insurance Program." *Public Finance Review*, 40(3): 360-380.

- Cooley, D. M, Galik, C. S., Holmes, T. P., Kousky, C., and Cooke, R. M. (2012). "Managing Dependencies in Forest Offset Projects: Toward a More Comprehensive Evaluation of Reversal Risk." *Mitigation and Adaptation of Strategies for Global Change*, 17(1): 17-24.
- Kousky, C., Kopp, R. E., and R. M. Cooke (2011). "Risk Premia and the Social Cost of Carbon: A Review." *Economics: The Open-Access, Open-Assessment E-Journal*, Vol. 5, 2011-21. http://dx.doi.org/10.5018/economics-ejournal.ja.2011-21
- Kousky, C. (2011). "Managing Natural Catastrophe Risk: State Insurance Programs in the United States." *Review of Environmental Economics and Policy*, 5(1): 153-171. doi: 10.1093/reep/req020
- Kousky, C. (2011). "Understanding the Demand for Flood Insurance." *Natural Hazards Review*, 12(2): 96-110.
- Berger, A., Brown, C., Kousky, C. and Zeckhauser, R. (2011) "*Perspective*: The Challenge of Degraded Environments: How Common Biases Impair Effective Policy." *Risk Analysis*, 31(9) 1423-1433.
- Kousky, C. (2010). "Using Natural Capital to Reduce Disaster Risk." *Journal of Natural Resources Policy Research*, 2(4): 343-356.
- Kousky, C. and H. Kunreuther (2010). "Improving Flood Insurance and Flood Risk Management: Insights from St. Louis, Missouri." *Natural Hazards Review.* 11(4): 162-172.
- Kousky, C. (2010). "Learning from Extreme Events: Risk Perceptions After the Flood." *Land Economics*. 86(3): 395-422.
- Michel-Kerjan, E. and C. Kousky (2010). "Come Rain or Shine: Evidence on Flood Insurance Purchases in Florida." *Journal of Risk and Insurance*. 77(2): 369-397.
- Brennan, T., C. Kousky, and M. Macauley (2010). "More Than a Wing and a Prayer: Government Indemnification of the Commercial Space Launch Industry." *Risk, Hazards & Crisis in Public Policy*. Vol. 1: Iss. 1, Article 7.
- Jack, B. K., C. Kousky, and K. E. Sims (2008). "Designing Payments for Ecosystem Services: Lessons from Previous Experience with Incentive-based Mechanisms." *Proceedings of the National Academy of Sciences*. 105(28): 9465-9470.
- Kousky, C., S. Walsh, and R. Zeckhauser (2007). "Options Contracts for Contingent Takings." *Issues in Legal Scholarship*. Catastrophic Risks: Prevention, Compensation, and Recovery: Article 2. <a href="http://www.bepress.com/ils/iss10">http://www.bepress.com/ils/iss10</a>
- Kousky, C., E. F. P. Luttmer, and R. J. Zeckhauser (2006). "Private Investment and

- Government Protection." *Journal of Risk and Uncertainty* 33(1/2): 73-100.
- Kousky, C. and S. H. Schneider (2003). Global Climate Policy: Will Cities Lead the Way? *Climate Policy* 3: 359-372

# **Books and Book Chapters:**

- Kousky, C. (forthcoming). Revised Risk Assessments and the Insurance Industry. In: Policy Shock: Regulatory Responses to Oil Spills, Nuclear Accidents, and Financial Crashes, ed Balleisen, E., L. Bennear, K. Krawiec, and J. Wiener. Cambridge University Press.
- Kousky, C. (2016). A Historical Examination of the Corps of Engineers and Natural Valley Storage Protection: the Economics and Politics of 'Green' Flood Control. In: Designing Water Disaster Management Policies: Theory and Empirics, ed C Gopalakrishnan. New York, NY, Rutledge: Chapter 3.
- National Research Council (2015). Affordability of National Flood Insurance Program Premiums: Report 1. Washington, DC, The National Academies Press.
- Kousky, C. (2015). Evaluation of New York City's Watershed Agricultural Program. In: *Use of Economic Instruments In Water Policy: Insights from International Experience*, eds M. Lago, J. Mysiak, C. Mario Gomez, G. Delacamara, and A. Maziotis. Springer: Chapter 29.
- Kousky, C. (2013). Using Natural Capital to Reduce Disaster Risk. In: *Toward Disaster Risk Reduction: A Policy Focused Approach for Natural Hazards and Disasters*, eds J. K. Levy and C. Gopalakrishnam. Routledge: Chapter 3.
- Kousky, C. and R. Cooke (2012). The Value of Information in a Risk Management Approach to Climate Change. In: *The Value of Information: Methodological Frontiers and New Applications in Environment and Health*, eds R. Laxminarayan and M. K. Macauley. New York City, Springer: 19-30.
- Kousky, C., S. M. Olmstead and R. Sedjo (2011). Harm's Way: Homeowner Behavior and Wildland Fire Policy. In *Wildfire Policy: Law and Economics Perspectives*, eds K. M. Bradshaw and D. Lueck. New York City, Routledge: 178-199.
- McKenzie, E., Irwin, F., Ranganathan, J., Hanson, C., Kousky, C., Bennett, K., Ruffo, S., Conte, M., Salzman, J., Paavola, J. (2011). Incorporating Ecosystem Services in Decisions. In *Natural Capital: Theory and Practice of Mapping Ecosystem Services*, eds Kareiva, P., Tallis, H., Ricketts, T. H., Daily, G. C, Polasky, S. Oxford, University Press.
- Cooke, R., Kousky, C. and H. Joe (2011). Micro-Correlations and Tail Dependence. In *Dependence Modeling: Vine Copula Handbook*, eds. D. Kurowicka and H. Joe. London, World Scientific: 89-112.

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- Kousky, C., S. Walsh and R. Zeckhauser (2010). Options Contracts for Contingent Takings. In *Disaster Law*, eds. D. Farber and M. G. Faure. UK, Edward Elgar Publishing.
- Kousky, C., S. Walsh, and R. Zeckhauser (2010). Options Contracts for Contingent Takings: Improving Disaster Management. In *Issues of the Day: 100 Commentaries on Climate, Energy, the Environment, Transportation, and Public Health Policy*, eds. I. W. H. Parry and F. Day. Washington, D.C., Resources for the Future Press: 136-137.
- Kousky, C. and R.M. Cooke (2010). "The Limits of Securitization: Micro-correlations, Fat Tails and Tail Dependence." In *Re-Thinking Risk Measurement and Reporting: Uncertainty, Bayesian Analysis and Expert Judgment*, ed K. Boecker. London, UK: Risk Books: 273-293
- Kousky, C., J. Pratt, and R. Zeckhauser (2010). Virgin Versus Experienced Risks: Why Do We Adopt A Different Attitude? In *The Irrational Economist: Making Decisions in a Dangerous World*, eds. E. Michel-Kerjan and P. Slovic. New York, NY: Public Affairs Books.
- Berger, A., C. Brown, C. Kousky, and R. Zeckhauser (2010). The Five Neglects: Risks Gone Amiss. In *Learning from Catastrophes*, eds. H. Kunreuther and M. Useem. Upper Saddle River, New Jersey: Wharton School Publishing.
- Berger, A., C. Kousky, and R. Zeckhauser (2008). Obstacles to Clear Thinking about Natural Disasters: Five Lessons for Policy. In *Risking House and Home: Disasters, Cities, Public Policy*, eds. J. M. Quigley and L. A. Rosenthal. Berkeley: Berkeley Public Policy Press.
- De Groot, R., M. De Wit, E. Gaddis, C. Kousky, W. McGhee, M. D. Young (2007). Making Restoration Work: Financial Incentives. In *Restoring Natural Capital: Science, Business and Practice*, eds. J. Aronson, S. Milton, and J. Blignaut. Washington, D.C.: Island Press: 286-302.
- Kousky, C. and R. Zeckhauser (2006). JARring Actions That Fuel the Floods. In *On Risk and Disaster: Lessons from Hurricane Katrina*, eds. R. J. Daniels, D. F. Kettl, and H. Kunreuther. Philadelphia: University of Pennsylvania Press: 59-73.

## Reports, Issue Briefs, Articles, and Other Publications:

- Kousky, C., B. Lingle and L. Shabman (2016). "NFIP Premiums for Single-Family Residential Properties: Today and Tomorrow." Policy Brief 16-10. Resources for the Future. Washington, DC, September.
- Kousky, C., B. Lingle, and L. Shabman (2016). "FEMA Public Assistance Grants: Implications of a Disaster Deductible." Policy Brief 16-04. Resources for the Future. Washington, DC, April.

- Kousky, C. (2016). "Managing our floodplains." St. Louis Post Dispatch, January 27.
- Kousky, C. and E. Michel-Kerjan (2016). A Look at 35 Years of Flood Insurance Claims. *Resources*, 40-45.
- Kousky, C. and L. Shabman (2015). A Proposed Design for Community Flood Insurance. Washington, DC: Resources for the Future, December.
- RFF and AAAS (2015). The Economic and Financial Risks of a Changing Climate: Insights from Leading Experts. Workshop Report. Washington, DC: Resources for the Future, November 12.
- Kousky, C. M. Walls, and Z. Chu (2014). Measuring Resilience to Climate Change: The Benefits of Forest Conservation in the Floodplain. Sample, V. Alaric and Bixler, R. Patrick (eds.). Forest Conservation and Management in the Anthropocene: Conference Proceedings. Proceedings. RMRS-P-71. Fort Collins, CO: US Department of Agriculture, Forest Service. Rocky Mountain Research Station.
- Shabman, L., C. Kousky, and D. Woolley (2014). "Appendix C: Understanding Decision Making by Communities and Individuals Related to Flood Risk." Shabman and P. Scodari (eds). From Flood Damage Reduction to Flood Risk Management: Implications for USACE Policy and Programs. USACE Institute for Water Resources.
- Shabman, L., P. Scodari, D. Woolley, and C. Kousky (2014). "Appendix A: Vocabulary of Flood Risk Management Terms." L. Shabman and P. Scodari (Eds). From Flood Damage Reduction to Flood Risk Management: Implications for USACE Policy and Programs. USACE Institute for Water Resources.
- Kousky, C. and L. Shabman (2013). "A New Era of Disaster Aid? Reflections on the Sandy Supplemental." RFF Issue Brief 13-05. Resources for the Future. Washington, DC, December.
- Kousky, C. (2013). "National Flood Insurance Program: Directions for Reform." *Resources*. (184): 38-43.
- Kousky, C. and H. Kunreuther (2013). "Addressing Affordability in the National Flood Insurance Program." RFF Issue Brief 13-02. Resources for the Future. Washington, DC, August.
- Kousky, C. and L. Shabman (2013). Does Disaster Aid Encourage People to Locate in Harm's Way? Thinking through the Moral Hazard Effects of Federal Disaster Aid. *Natural Hazards Observer*, May.
- Kousky, C. and E. Michel-Kerjan (2012). Hurricane Sandy's Storm Surge and the National

- Flood Insurance Program: Flood Insurance Coverage in New York and New Jersey. Wharton Risk Center Issue Brief, November.
- Kousky, C. and E. Michel-Kerjan (2012). Hurricane Sandy, Storm Surge, and the National Flood Insurance Program: A Primer on New York and New Jersey. RFF Issue Brief 12-08.
- Kousky, C. and L. Shabman. (2012). How Generous Is Post-flood Disaster Aid? RFF Policy Commentary, June 15.
- Kousky, C. and L. Shabman (2012). The Realities of Federal Disaster Aid: The Case of Floods. RFF Issue Brief 12-02.
- Olmstead, S. and C. Kousky (2012) Unnatural Disasters? *Resources* 179: 21-23.
- Kousky, C. (2012). WP3 Ex-Post Case studies: New York City Watershed Agricultural Program. Evaluating Economic and Policy Instruments for Sustainable Water Management in Europe, January.
- Kousky, C., S. Olmstead, M. Walls, A. Stern, and M. Macauley (2011). Adaptation to Increased Precipitation and Flooding: A Case Study in Wisconsin's Lower Fox River Basin. RFF Report. November.
- Kousky, C. (2011). Hurricanes: Who Should Pay? *Baltimore Sun*. August 31.
- Michel-Kerjan, E., C. Kousky, H. Kunreuther, S. Lemoyne de Forges (2011). Informed Decisions on Catastrophe Risk: How Long do Homeowners Keep their Flood Insurance Coverage? Wharton Risk Management and Decision Processes Center, Philadelphia, PA: Summer.
- Kousky, C. and R. Zeckhauser (2011). The Economics of Flooding. St. Louis Post-Dispatch. June 16. Reprinted in *The Southeast Missourian*.
- Kousky, C. (2011). Managing the Risks of Deepwater Drilling. *Resources*. 177: 34-36.
- Kousky, C. and R. Cooke (2010). Adapting to Extreme Events: Managing Fat Tails. RFF Issue Brief 10-12.
- Cooke, R. and C. Kousky (2010). Climate Dependencies and Risk Management: Microcorrelations and Tail Dependence. RFF Issue Brief 10-13.
- Kousky, C. (2010). Reforming the National Flood Insurance Program. RFF Issue Brief 10-01.
- Cooke, R. M. and C. Kousky (2009). Are Catastrophes Insurable? *Resources*. 172: 18-23.
- Kousky, C. and R. Cooke (2009). What the Feds Can Do about Hurricanes. St. Petersburg

- Times. May 31.
- Kousky, C. (2008). Costs and Risks are Escalating. St. Louis Post-Dispatch. June 30.
- Luttmer, E. F. P., Zeckhauser, R. J., Kousky, C. Permits to Elicit Information. *National Tax Association Proceedings*, 99th Annual Conference, pp. 163-170, 2007.

### **On-line Publications and Presentations:**

- Kousky, C. and L. Shabman (2016). "Is Flood Insurance Too Expensive?" The Hill. Washington, D.C., December 8. <a href="http://thehill.com/blogs/congress-blog/economy-budget/309347-is-flood-insurance-too-expensive">http://thehill.com/blogs/congress-blog/economy-budget/309347-is-flood-insurance-too-expensive</a>
- Kousky, C. (2016). "Buying Flood Insurance After the Hurricane." Common Resources. Resources for the Future. Washington, DC, September 21.
- Kousky, C. (2016). "At the Intersection of Insurance and Flood Risk." BRINK, September 15. Online at: http://www.brinknews.com/at-the-intersection-of-insurance-and-flood-risk/Cross-posted on Common Resources
- Kousky, C. and L. Shabman (2016). "The Role of Insurance in Promoting Resilience." BRINK, July 29. Online at: <a href="http://www.brinknews.com/the-role-of-insurance-in-promoting-resilience/">http://www.brinknews.com/the-role-of-insurance-in-promoting-resilience/</a>
- Kousky, C. (2016). "Protecting Children in the Face of Disaster." Common Resources. Resources for the Future. Washington, DC, May 4.
- Kousky, C. (2016). "Flood Insurance: Why Don't People Buy It?" Viewpoints, Public Policy Institute of California. April 6. Online at: http://www.ppic.org/main/blog\_detail.asp?i=2006
- Kousky, C. and E. Michel-Kerjan (2016). "Flood Damage in America: Four Key Lessons."

  BRINK, February 16. Online at: <a href="http://www.brinknews.com/flood-damage-in-america-four-key-lessons/">http://www.brinknews.com/flood-damage-in-america-four-key-lessons/</a>
  Reprinted on greenbiz.com
- Kousky, C. and L. Shabman (2016). "Expanding Flood Insurance Coverage through Community Purchase." Common Resources. Resources for the Future. Washington, DC, January 11.
- Kousky, C. (2015). "Who Holds on to Their Flood Insurance?" Common Resources. Resources for the Future. Washington, DC, November 3.
- Boyd, J. and C. Kousky (2015). Are We Becoming More Environmental? Reflections on Trends

- in Environmental Desire. A Blog Series. Common Resources, Resources for the Future, Washington, DC, October and November.
- Kousky, C. and L. Shabman (2014). "A Look at How the NFIP Differs from a Private Insurance Company." Common Resources. Resources for the Future. Washington, DC, October 30.
- Kousky, C. (2014). "Managing Shoreline Retreat in the United States: A Three-Part Strategy." Common Resources. Resources for the Future. Washington, DC, May 6. Online at: <a href="http://common-resources.org/2014/managing-shoreline-retreat-in-the-united-states-a-three-part-strategy/">http://common-resources.org/2014/managing-shoreline-retreat-in-the-united-states-a-three-part-strategy/</a>
- Cooke, R. C. Kousky, and E. Michel-Kerjan (2014). "Flood Insurance Claims: A Fat Tail Getting Fatter." Common Resources. Resources for the Future. Washington, DC, April 24. Online at: <a href="http://common-resources.org/2014/flood-insurance-claims-a-fat-tail-getting-fatter/">http://common-resources.org/2014/flood-insurance-claims-a-fat-tail-getting-fatter/</a>
- Kousky, C. and L. Shabman (2014). "The Sandy Supplemental by the Numbers" Common Resources. Resources for the Future. Washington, DC, January 6. Online at: <a href="http://common-resources.org/2014/the-sandy-supplemental-by-the-numbers/">http://common-resources.org/2014/the-sandy-supplemental-by-the-numbers/</a>
- Kousky, C. and M. Walls (2013). "Valuing Conservation in the Context of Climate Change" Common Resources. Resources for the Future. Washington, DC, December 17. Online at: <a href="http://common-resources.org/2013/valuing-conservation-in-the-context-of-climate-change/">http://common-resources.org/2013/valuing-conservation-in-the-context-of-climate-change/</a>
- Kousky, C. (2013). How much do Weather-Related Disasters Cost? *Common Resources*. September 16. Online: <a href="http://common-resources.org/2013/how-much-do-weather-related-disasters-cost/">http://common-resources.org/2013/how-much-do-weather-related-disasters-cost/</a>
- Kousky, C. (2013). Climate-Ready Coastal Development? A Model from Pelican Bay, Florida. *Common Resources*. March 18. Online: <a href="http://common-resources.org/2013/climate-ready-coastal-development-a-model-from-pelican-bay-florida/">http://common-resources.org/2013/climate-ready-coastal-development-a-model-from-pelican-bay-florida/</a>
- Kousky, C. (2012). Sandy's Unaccounted for Costs. *Common Resources*. October 29. Online: <a href="http://common-resources.org/2012/sandys-unaccounted-for-costs/">http://common-resources.org/2012/sandys-unaccounted-for-costs/</a>
- Kousky, C. (2012). Rethink Development Patterns. *New York Times*, Room for Debate. July 11. Online: <a href="http://www.nytimes.com/roomfordebate/2012/07/11/does-the-government-cause-or-prevent-widlfires/to-prevent-fires-rethink-development-patterns">http://www.nytimes.com/roomfordebate/2012/07/11/does-the-government-cause-or-prevent-widlfires/to-prevent-fires-rethink-development-patterns</a>
- Kousky, C. (2012). National Flood Insurance Program. *C-SPAN Washington Journal*. May 21. Online: <a href="http://www.c-spanvideo.org/program/NationalFloodI">http://www.c-spanvideo.org/program/NationalFloodI</a>

- Kousky, C., S. Walsh, and R. J. Zeckhauser (2008). Options Contracts for Contingent Takings: A Tool for Improving Disaster Management. *Weekly Policy Commentary*, Resources for the Future, September 29. Online: <a href="http://www.rff.org/Publications/WPC/Pages/Options-Contracts-for-Contingent-Takings.aspx">http://www.rff.org/Publications/WPC/Pages/Options-Contracts-for-Contingent-Takings.aspx</a>
- Kousky, C. (2006). Using Ecosystem Services to Reduce Disaster Losses. *Risk Management Review* Fall: 9-10. Online: http://opim.wharton.upenn.edu/risk/review/Fall2006.pdf
- Kousky, C. (2005). Choosing From the Policy Toolbox. *Ecosystem Marketplace*. Online: <a href="http://ecosystemmarketplace.com/pages/article.opinion.php?component\_id=4002&component\_version\_id=5691&language\_id=12">http://ecosystemmarketplace.com/pages/article.opinion.php?component\_id=4002&component\_version\_id=5691&language\_id=12</a>

### **Discussion Papers (without associated journal articles):**

- Kousky, C. and L. Shabman (2015). "Understanding Flood Risk Decisionmaking: Implications for Flood Risk Communication Program Design." RFF Discussion Paper 15-01. Resources for the Future. Washington, DC, February.
- Kousky, C. and L. Shabman (2014). "Pricing Flood Insurance: How and Why the NFIP Differs from a Private Insurance Company." RFF Discussion Paper 14-37. Resources for the Future. Washington, DC, October.
- Kousky, C., E. O. Michel-Kerjan, P. A. Raschky (2014). "Does Federal Disaster Assistance Crowd Out Private Demand for Insurance?" Working Paper #2014-04. Risk Management and Decision Processes Center The Wharton School, University of Pennsylvania. Philadelphia, PA, October.
- Kousky, C., M. Walls, and Z. Chu (2013). "Flooding and Resilience: Valuing Conservation Investments in a World with Climate Change." RFF Discussion Paper 13-38. Resources for the Future. Washington, DC, November.
- Kousky, C. and J. Maher (2011). "Introducing Light Rail in Suburbia: The Impact of a New Rail Line on Property Prices in St. Louis County, Missouri." RFF Discussion Paper 11-44. Resources for the Future. Washington, DC, October.
- Scarlett, P. L, Linkov, I., and C. Kousky (2011). "Risk Management Practices: Cross-Agency Comparisons with Minerals Management Service." RFF Discussion Paper 10-67. Resources for the Future. Washington, DC, January.
- Kousky, C. and S. Olmstead (2010). "Induced Development in Risky Locations: Fire Suppression and Land Use in the American West."
- Kousky, C., Rostapshova, O., Toman, M. A., and R. Zeckhauser (2009). "Responding to

Threats of Climate Change Mega-Catastrophes." RFF Discussion Paper 09-45. Resources for the Future, Washington, DC, November.

- Kousky, C. and R. M. Cooke (2009). "Climate Change and Risk Management: Challenges for Insurance, Adaptation, and Loss Estimation." RFF Discussion Paper 09-03. Resources for the Future, Washington, DC, February.
- Kousky, C. and Clark, W. (2005) "Institutional Options for Reporting on the State of the Nation's Environment: Lessons from History." Prepared for The H. John Heinz III Center for Science, Economics, and the Environment.

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