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Summary

Benjamin Preston is a senior policy researcher at the RAND Corporation and director of Community Health and Environmental Policy, a program of RAND Social and Economic Well-Being. His recent research efforts include understanding the development of knowledge systems for climate risk management, scenario analysis for a low-carbon future, and planning for disaster recovery and resilience. Previously, he held research positions with the Climate Change Science Institute at Oak Ridge National Laboratory, the CSIRO's Division of Marine and Atmospheric Research, and the Pew Center on Global Climate Change.

In 2015, he received the American Geophysical Union's Falkenberg Award, and from 2016 to 2017 he was one of the American Association for the Advancement of Science's inaugural Leshner Leadership Fellows. Preston has contributed to national and international scientific assessments including the U.S. National Climate Assessment, the Intergovernmental Panel on Climate Change's Fifth and Sixth Assessment Reports, the U.S. Global Change Research Program's second State of the Carbon Cycle Report, and the Arctic Monitoring and Assessment Program's Adaptation Actions for a Changing Arctic. He currently serves as co-editor-in-chief for the Elsevier journal Climate Risk Management.

Preston received a B.S. in biology from the College of William & Mary and a Ph.D. in environmental biology from the Georgia Institute of Technology.

Education

- Doctor of Philosophy (Environmental Biology), Georgia Institute of Technology, USA (1996–2000)
- Bachelor of Science (General Biology), College of William and Mary, USA (1992–1996)

Research Interests

- Human dimensions of global environmental change
- Frameworks and strategies for climate change adaptation
- Climate risk management for socioeconomic and infrastructure systems
- Science translation, knowledge co-production, and transdisciplinary research
- Managing uncertainty in environmental decision-making
- Use of geographic information systems in integrated climate change assessment
- Equity issues in environmental science and policy

Professional Experience

- **Senior Policy Researcher and Director**, Community Health and Environmental Policy Program, RAND Corporation, Santa Monica, California (1/2017-Present)
- **Adjunct Professor**, Sustainability Research Centre, University of the Sunshine Coast, Sippy Downs, Queensland, Australia (4/2011–Present)
- **Faculty Member**, Bredesen Center for Interdisciplinary Research and Graduate Studies, University of Tennessee-Knoxville, Knoxville, Tennessee, USA (9/2014–12/2016)
- **Joint Faculty Associate Professor**, Department of Civil and Environmental Engineering, University of Tennessee-Knoxville, Knoxville, Tennessee, USA (6/2012–12/2016)
- **Deputy Director**, Climate Change Science Institute, Oak Ridge National Laboratory, Oak Ridge, Tennessee, USA (8/2011–12/2016)
- **Theme Leader – Impacts, Adaptation and Vulnerability Science**, Climate Change Science Institute, Oak Ridge National Laboratory, Oak Ridge, Tennessee, USA (3/2010–12/2016)
- **Visiting Fellow**, Victorian Centre for Climate Change Adaptation Research, Melbourne, Australia (1/2014–4/2014)

- **Visiting Fellow**, Tyndall Centre for Climate Change Research, Norwich, UK (6/2008–7/2008)
- **Research Scientist/Project Leader**, Division of Marine & Atmospheric Research, Commonwealth Scientific and Industrial Research Organization (CSIRO), Aspendale, Victoria, Australia (3/2005–1/2010)
- **Senior Research Fellow**, Pew Centre on Global Climate Change, Arlington, Virginia, USA (7/2001–1/2005)
- **Adjunct Assistant Professor**, Northern Virginia Community College, Annandale, Virginia, USA (1/2003–12/2003)
- **Carolina Postdoctoral Fellow**, University of North Carolina-Chapel Hill, Chapel Hill, North Carolina, USA (6/2000–6/2001)
- **Research Assistant**, Agency for Toxic Substances and Disease Registry, Atlanta, Georgia, USA (7/1998–6/2000)
- **Research Assistant**, Centers for Disease Control and Prevention, Atlanta, Georgia, USA (6/1996–6/1998)

Other Professional Activities & Service

- National Science Foundation
 - Member of the Advisory Committee for Environmental Research and Education (2018-Present)
- Global Climate Observing System
 - Member of the Climate Adaptation Task Team (2018-Present)
- National Academy of Sciences
 - Member of the Committee to Advise the U.S. Global Change Research Program (2017-Present)
- Member of the editorial board for the Elsevier journal *Climate Risk Management*
 - Co-Editor-in-Chief (2015–Present)
 - Associate Editor (2013–2015)
- University of the Sunshine Coast, Sippy Downs, Queensland, Australia
 - Member of the Sustainability Research Center advisory board (2017-Present)
- Arctic Monitoring and Assessment Program
 - Lead Author: *Adaptation Actions for a Changing Arctic (Part C)*
 - Chair: Scenarios Working Group, *Adaptation Actions for a Changing Arctic*
- Intergovernmental Panel on Climate Change
 - Coordinating Lead Author (Chapter 18): *Sixth Assessment Report*, Working Group II
 - Coordinating Lead Author (Chapter 16): *Fifth Assessment Report*, Working Group II
 - Contributing Author (Chapter 25): *Fifth Assessment Report*, Working Group II
 - Member of the Core Writing Team: *Fifth Assessment Report, Synthesis Report*
- National Climate Assessment
 - Author (Fourth NCA): *Chapter 17: Sectoral Interdependencies, Multiple Stressors, and Complex Systems*
 - Technical Contributor (Fourth NCA): *Chapter 26: Alaska*
 - Contributing Author (Third NCA): National Climate Assessment Technical Input Report, *Coastal Impacts, Adaptation, and Vulnerabilities*
- State of the Carbon Cycle Report II
 - Contributing author: *Chapter 6. Social Science Perspectives on Carbon*
- American Meteorological Society
 - Member of the Board on Societal Impacts (2012–2014)
 - Participant in the *Summer Policy Colloquium* (2008)
- Member of the 25x25 Alliance Adaptation Work Group on *Adaptation and Forestry in a Changing Climate*
- Participant in the *Early Career Researcher Program*, Australian Academy of Science, Canberra, 2008
- Participant in the *START Young Scientist Conference*, Beijing, 2006
- Participant in the *Australian Future Directions Forum*, Yarra Valley, Victoria, 2005

Awards & Fellowships

Award	Year	Sponsor
Leshner Leadership Institute Fellowship	2016	American Association for the Advancement of Science
Award for Science Communication	2015	UT/Battelle
Charles S. Falkenberg Award	2015	American Geophysical Union

Highly Commended Award for the project “Prioritizing Coastal Adaptation and Development Options for Local Government”	2014	National Climate Change Adaptation Research Facility (Australia)
Significant Event Award – Contributions to the IPCC AR5 and U.S. National Assessment	2014	Oak Ridge National Laboratory
Knoxville’s 2012 Class of “40 under 40” Award for Innovation	2012	Knoxville Business Journal
Award for Innovation	2009	New South Wales Coastal Council
Eureka Prize for Innovative Solutions to Climate Change	2009	Victorian Coastal Council
Recognition Award – Top Ten Spokesperson for 2007	2009	Australia Museum
Julius Career Award	2008	CSIRO
Strategic Partnership Excellence Award	2007	CSIRO
Recognition of Achievement	2007	CSIRO
F.L. Suddath Memorial Award	1999	Georgia Institute of Technology
Best Student Platform Presentation	1999	Georgia Institute of Technology
Graduate Assistantship in Areas of National Need	1999	Society of Environmental Toxicology and Chemistry
Outstanding Achievement in Public Health	1997	U.S. Department of Education
William and Mary Scholar Award	1996	Centers for Disease Control and Prevention
National Achievement Scholarship	1992	College of William and Mary
	1992	National Merit Scholarship Corporation

Society Memberships

- American Association for the Advancement of Science
- American Geophysical Union

Peer Review

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| <ul style="list-style-type: none"> • Chemosphere • Climate Policy • Climatic Change • Climate Risk Management • Earth Perspectives • Ecological Modeling • Environment, Development and Sustainability • Environmental Management • Environmental Science and Technology • Environmental Science and Policy • Futures • Geophysical Research Letters | <ul style="list-style-type: none"> • Global Change Biology • Global Environmental Change • Journal of Environmental Policy & Planning • Journal of Marine Systems • Mitigation and Adaptation Strategies for Global Change • Natural Hazards • Nature Climate Change • Naturwissenschaften • Regional Environmental Change • Science of the Total Environment • Water Research |
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Publications

Journals

- 1) Gangrade, S., Kao, S. C., Dullo, T. T., Kalyanapu, A. J., and **Preston**, B. L. (2019). Ensemble-based Flood Vulnerability Assessment for Probable Maximum Flood in a Changing Environment. *Journal of Hydrology*, 576: 342-355.
- 2) Rastogi, D., Holladay, J. S., Evans, K. J., **Preston**, B. L., and Ashfaq, M. (2019). Shift in seasonal climate patterns likely to impact residential energy consumption in the United States. *Environmental Research Letters*, 14(7): <https://doi.org/10.1088/1748-9326/ab22d2>.
- 3) de Sherbinin, A., Bukvic, A., Rohat, G., Gall, M., McCusker, B., **Preston**, B.L., Apotsos, A., Fish, C., Kienberger, S., Muhonda, P., Wilhelmi, O., Macharia, D., Shubert, W., Sliuzas, R., Tomaszewski, B., Zhang,

- S. (2018). Climate change vulnerability mapping: a systematic review and future prospects. *WIREs Climate Change*, <https://doi.org/10.1002/wcc.600>.
- 4) Ernst, K., **Preston**, B.L., Swartling, A.G., Klein, R., and Andre, K. (2018). Identifying climate service production constraints on adaptation decision-making in Sweden. *Environmental Science and Policy*, 93:83-91.
 - 5) Craddock-Henry, N.A., Frame, B., **Preston**, B.L., Reisinger, A., Rothman, D.S. (2018). Agency in downscaled climate change scenarios. *Climatic Change*, <https://doi.org/10.1007/s10584-018-2270-7>.
 - 6) Ernst, K.H. and **Preston**, B.L. (2017) Adaptation opportunities and constraints in coupled systems: evidence from the U.S. energy-water nexus. *Environmental Science & Policy*, 70:38-45.
 - 7) Absar, S.M., Boulay, A.-M., Campa, M.F., **Preston**, B.L., Taylor, A. (2017) The tradeoff between water and carbon footprints of Barnett Shale gas. *Journal of Cleaner Production*, <https://doi.org/10.1016/j.jclepro.2018.06.140>.
 - 8) Ernst, K.H. and **Preston**, B.L. (2017). Adaptation opportunities and constraints in coupled systems: evidence from the U.S. energy-water nexus. *Environmental Science & Policy*, 70:38-45.
 - 9) Rastogi, D., Kao, S.-C., Ashfaq, M., Mei, R., Kabela, E.D., Gangrade, S., Naz, B., **Preston**, B.L., Singh, N., and Ananthara, V.G. (2017) Effects of climate change on probable maximum precipitation: a sensitivity study over the Alabama-Coosa-Tallapoosa river basin. *Journal of Geophysical Research – Atmosphere*, 122(9): 4808-4828.
 - 10) Elrick-Barr, C.E., Thomsen, D.C., **Preston**, B.L., Smith, T.F. (2017). Perceptions matter: household adaptive capacity and capability in two Australian coastal communities. *Regional Environmental Change*, 17(4): 1141-1151.
 - 11) Elrick-Barr, C.E., Smith, T.F., **Preston**, B.L., Thomsen, D.C., Baum, S. (2016). How are coastal households responding to climate change? *Environmental Science & Policy* 63:177-186.
 - 12) Surendran Nair, S., **Preston**, B.L., King, A.W., Mei, R., Post, W. (2016). Using landscape typologies to model socioecological systems: Application to agriculture of the United States Gulf Coast. *Environmental Modeling & Software*, 79:85-95.
 - 13) **Preston**, B.L., King, A.W., Absar, S.M., Ernst, K.M., Nair, S.S., Parish, E.S. (2015). Scale and the representation of human agency in the modeling of agroecosystems. *Current Opinion in Environmental Sustainability*, 14:239-249.
 - 14) Melo Zurita, M.L., Smith, T.F., Thomsen, D.C., Lyth, A., **Preston**, B.L., and Baum, S. (2015). Reframing water: contesting H2O within the European Union. *Geoforum*, 65:170-178.
 - 15) **Preston**, B.L., Rickards, L., Fuenfgeld, H., Keenan, R.J. (2015). Toward reflexive climate adaptation research. *Current Opinion in Environmental Sustainability*, 14:127-135.
 - 16) Absar, S.M., and **Preston**, B.L. (2015). Extending the Shared Socioeconomic Pathways for use in regional impacts, adaptation, and vulnerability studies. *Global Environmental Change*, 33:83-96.
 - 17) Elrick-Barr, C., Smith, T.F., and Thomsen, D., **Preston**, B.L. (2015). Perceptions of risk among households in two Australian coastal communities. *Geographical Research*, 53(2):149-159.
 - 18) Mustelin, J., **Preston**, B.L., Maloney, M.C. (2015). Is adaptation a local responsibility? *Environmental Science & Policy*, 48:89-98.
 - 19) Birkmann, J., Cutter, S., Rothman, D.S., Welle, T., Garschagen, M., van Ruijven, B., O'Neill, B., **Preston**, B.L., Kienberger, S., Omar, B., Cardona, D., Siagian, T., Hidayati, D., Setiadi, N., Binder, C., Hughes, Pulwarty, R. (2015). Scenarios for vulnerability: Opportunities and constraints in the context of climate change and disaster risk. *Climatic Change*, 133(1):53-68.
 - 20) Elrick-Barr, C., **Preston**, B.L., Smith, T.F., and Thomsen, D. (2014). Toward a new conceptualization of household adaptive capacity to climate change: applying a risk governance lens. *Ecology and Society*, 19(4): 12.
 - 21) Langholtz, M., Webb, E., **Preston**, B.L., Turhollow, A., Eaton, L., Breuer, N., King, A.W., Sokhansanj, S., Surendran Nair, S., Downing, M. (2014). Climate risk management for the U.S. cellulosic biofuels supply chain. *Climate Risk Management*, 3:96-115.
 - 22) de Bremond, A., **Preston**, B.L., Rice, J. (2014). Improving the usability of integrated assessment for adaptation practice: insights from the U.S. Southeast energy sector. *Environmental Science & Policy*, 42:45-55.
 - 23) Maloney, M.C. and **Preston**, B.L. (2014). A geospatial dataset for U.S. hurricane storm surge and sea-level rise vulnerability: development and case study applications. *Climate Risk Management*, 2:26-41.
 - 24) Zhaoqing Y., Wang, T., Leung, R., Hibbard, K., Janetos, A., Kraucunas, I., Rice, J., **Preston**, B.L., and Wilbanks, T. (2013). A modeling study of coastal inundation induced by storm surge, sea level rise and subsidence in the Gulf of Mexico. *Natural Hazards*, 71(3):1771-1794.

- 25) van Ruijven, B.J., Levy, M., Agrawal, A., Biermann, F., Birkmann, J., Carter, T.R., Ebi, K.L., Garschagen, M., Jones, B., Jones, R., Kemp-Benedict, E., Kok, M., Kok, K., Lemos, M.C., Lucas, P.L., Orlove, B., Pachauri, S., Parris, T., Patwardhan, A., Petersen, A., **Preston, B.L.**, Ribot, J., Rothman, D.S., Schweizer, V.J. (2013). Enhancing the relevance of global shared socio-economic pathways for climate change impacts, vulnerability and adaptation research. *Climatic Change*, 122(3):481-494.
- 26) **Preston, B.L.**, Mustelin, J., Maloney, M.C. (2013). Climate adaptation heuristics and the science/policy divide. *Mitigation and Adaptation Strategies for Global Change*, DOI: 10.1007/s11027-013-9503-x.
- 27) Dow, K., Berkhout, F., **Preston, B.L.** (2013). Limits to adaptation to climate change: a risk approach. *Current Opinion in Environmental Sustainability*, 5:1-8
- 28) **Preston, B.L.** (2013) Local path dependence of U.S. socioeconomic exposure to climate extremes and the vulnerability commitment. *Global Environmental Change*, 23 (4): 719-732.
- 29) Dow, K., Berkhout, F., **Preston, B.L.**, Klein, R.J.T., Midgley, G., Shaw, R. (2013). Limits to adaptation. *Nature Climate Change* 3: 305-307.
- 30) **Preston, B.L.**, Dow, K., Berkhout, F. (2013). The climate adaptation frontier. *Sustainability* 5:1011-1035.
- 31) Yuen, E.J., Stone-Jovicich, S., **Preston, B.L.** (2013). Climate change vulnerability assessments as catalysts for social learning: four case studies in south-eastern Australia. *Mitigation and Adaptation Strategies for Global Change*, 18(5):567-590.
- 32) Measham, T.G., **Preston, B.L.**, Smith T.F., Brook C., Gorddard, R., Withycombe, G., Morrison, C. (2011). Adapting to climate change through local municipal planning: barriers and challenges. *Mitigation and Adaptation Strategies for Global Change*, 16(8):889-909.
- 33) **Preston, B.L.**, Yuen, E.J., Westaway, R.M. (2011). Putting vulnerability to climate change on the map: A critical look at approaches, benefits, and risks. *Sustainability Science* 6(2):177-202.
- 34) **Preston, B.L.**, Westaway, R.M., Yuen, E.J. (2011) Climate adaptation planning in practice: an evaluation of adaptation plans from three developed nations. *Mitigation and Adaptation Strategies for Global Change* 16(4):407-438.
- 35) Jones, R.N. and **Preston, B.L.** (2011) Adaptation and risk management. *WIREs Climate Change*, 2:296-308.
- 36) Smith, T.F., Lynam, T., **Preston, B.L.**, Matthews, J., Carter, R.W., Thomsen, D.C., Carter, J., Neller, A., Simpson, R., Waterman, P., Bussey, M., and Keys, N. (2010). Toward enhancing adaptive capacity for climate change response in Southeast Queensland. *The Australasian Journal of Disaster and Trauma Studies*, vol 2010-11.
- 37) **Preston, B.L.**, Brooke, C., Smith, T., Measham, T., Gorddard, R. (2009). Igniting change in local government: lessons learned from a bushfire vulnerability assessment. *Mitigation and Adaptation Strategies for Global Change*, 14(3):281-283.
- 38) Sheehan, P., Jones, R., Jolley, A., **Preston, B.L.**, Clark, M., Durack, P.J., Islam, S., Sun, F., and Whetton, P. (2008). Climate change and the global knowledge economy: an immediate challenge. *Global Environmental Change*, 18:380-396.
- 39) **Preston, B.L.** and Jones, R.N. (2008). Screening climatic and non-climatic risks to Australian catchments. *Geographical Research*, 46(3):258-274.
- 40) **Preston, B.L.** and Jones, R.N. (2008). A national assessment of the sensitivity of Australian runoff to climate change. *Atmospheric Science Letters*, DOI: 10.1002/asl.188.
- 41) **Preston, B.L.** and Jones, R.N. (2008). Evaluating sources of uncertainty in Australian runoff projections. *Advances in Water Resources* 31(5), 758-775.
- 42) Smith, T.F., Brooke, C., **Preston, B.** Gorddard, R., Abbs, D., McInnes, K., Withycombe, G., and Morrison, C. (2007). Managing for climate variability in the Sydney region. *Journal of Coastal Research*, SI 50 (Proceedings of the 9th International Coastal Symposium, Gold Coast, Australia), 109-113.
- 43) **Preston, B. L.** (2006). Risk-based reanalysis of the effects of climate change on U.S. cold-water habitat. *Climatic Change* 76 (1-2): 91-119.
- 44) **Preston, B.L.** (2004). Observed winter warming of Chesapeake Bay (1949-2002): Implications for ecosystem management. *Environmental Management* 34: 125-139.
- 45) **Preston, B.L.** (2002). Spatial patterns in benthic biodiversity of Chesapeake Bay (1984-1999): Association with water quality and sediment toxicity. *Environmental Toxicology and Chemistry* 21:151-162.
- 46) **Preston, B.L.** (2002). Hazard prioritization in ecological risk assessment through spatial analysis of toxicant gradients. *Environmental Pollution* 117:431-445.
- 47) **Preston, B.L.**, Shackelford, J. (2002). Multiple stressor effects on benthic biodiversity of Chesapeake Bay: Implications for ecological risk assessment. *Ecotoxicology* 11:85-99.
- 48) **Preston, B.L.**, Shackelford, J. (2002). Risk-based analysis of environmental monitoring data: Application to heavy metals in North Carolina surface waters. *Environmental Management*, 30:279-293.

- 49) **Preston, B.L.** (2002). Indirect effects in aquatic ecotoxicology: Implications for ecological risk assessment. *Environmental Management* 29:311–323.
- 50) **Preston, B.L., Snell, T.W.** (2001). Full life-cycle toxicity assessment using rotifer resting egg production: Implications for ecological risk assessment. *Environmental Pollution* 114:399–406.
- 51) **Preston, B.L., Snell, T.W.** (2001). Direct versus indirect effects of sublethal toxicant exposure on population dynamics of freshwater rotifers: A modeling approach. *Aquatic Toxicology* 52:87–99.
- 52) **Barton, J.C., Preston, B.L., McDonnell, S.M., Rothenberg, B.E.** (2001). Severity of iron overload in hemochromatosis: Effect of volunteer blood donation before diagnosis. *Transfusion* 41:123–129.
- 53) **Preston, B.L., Warren, R.C., Wooten, S.M., Gragg, R.D., Walker, B.** (2001). Environmental health and anti-social behavior: Implications for public policy. *Journal of Environmental Health* 63:9–19.
- 54) **Preston, B.L., Snell, T.W., Fields, D.M., Weissburg, M.J.** (2001). The effects of fluid motion on toxicant sensitivity of the rotifer *Brachionus calyciflorus*. *Aquatic Toxicology*. 52:117–131.
- 55) **Preston, B.L., Warren, R.C., Stewart, P.** (2000). Factors affecting environmental awareness among Head Start families in Mississippi. *American Journal of Preventive Medicine* 19:174–179.
- 56) **Preston, B.L., Snell, T.W., Robertson, T.L., Dingmann, B.J.** (2000). Use of the freshwater rotifer *Brachionus calyciflorus* in a screening assay for potential endocrine disruptors. *Environmental Toxicology and Chemistry* 19:2923–2928.
- 57) **McDonnell, S.M., Grindon, A.J., Preston, B.L., Barton, J.C., Edwards, C.Q., Adams, P.C.** (1999). A survey of phlebotomy among persons with hemochromatosis. *Transfusion* 39:651–656.
- 58) **McDonnell, S.M., Preston, B.L., Jewell, S.A., Barton, J.C., Edwards, C.Q., Adams, Q.C., and Yip, R.** (1999). A survey of 2,851 patients with hemochromatosis: Symptoms and response to treatment. *American Journal of Medicine* 106:619–624.
- 59) **Preston, B.L., Snell, T.W., Dusenbery, D.B.** (1999). The effects of sublethal pentachlorophenol exposure on predation risk in freshwater rotifer species. *Aquatic Toxicology* 47:93–105.
- 60) **Preston, B.L., Snell, T.W., Kneisel, R.** (1999). UV-B increases acute toxicity of pentachlorophenol and mercury to the rotifer *Brachionus calyciflorus*. *Environmental Pollution* 106:23–31.
- 61) **Preston, B.L., Cecchine, G., Snell, T.W.** (1999). Effects of pentachlorophenol on predator avoidance behavior of the rotifer *Brachionus calyciflorus*. *Aquatic Toxicology* 44:201–212.

Technical Reports

- 1) **Malone, E. L., M. Betsill, S. Hughes, R. Kemp, L. Lutzenhiser, M. Moezzi, B. L. Preston, and T. O. West,** (2018). Chapter 6: Social science perspectives on carbon. In *Second State of the Carbon Cycle Report (SOCCR2): A Sustained Assessment Report* [Cavallaro, N., G. Shrestha, R. Birdsey, M. A. Mayes, R. G. Najjar, S. C. Reed, P. Romero-Lankao, and Z. Zhu (eds.)]. U.S. Global Change Research Program, Washington, DC, USA.
- 2) **Nichols, L., Vallario, R., Clarke, L, Hejazi, M., Horing, J., Janetos, A.C., Mach, K., Mastrandrea, M., Orr, M., Preston, B.L., Reed, P., Sands, R.N., and White, D.** (2018). Chapter 17: Sector Interactions, Multiple Stressors, and Complex Systems. Fourth U.S. National Climate Assessment, U.S. Global Change Research Program, Washington, DC, USA.
- 3) **Gray, S.T., Markon, C., Berman, M., Eerkes-Medrano, L., Hennessy, T., Huntington, H.P., Littell, J., McCammon, M., Thoman, R., and Trainor, S.** (2018). Chapter 26. Alaska. Fourth U.S. National Climate Assessment, U.S. Global Change Research Program, Washington, DC, USA. (*Technical Contributor*)
- 4) **Preston, B.L., Backhaus, S.N., Ewers, M., Phillips, J.A., Dagle, J.E., Silva-Monroy, C.A., Tarditi, A.G., Looney, J. and King Jr, T.J.** (2016). Resilience of the US Electricity System: A Multi-Hazard Perspective. ORNL, LANL, ANL, SNL, PNNL, and BNL, Technical Report for the U.S. Department of Energy, Washington, D.C.
- 5) **Preston, B.L., Backhaus, S.N., Ewers, M., Phillips, J.A., Silva-Monroy, C.A., Dagle, J.E., Tarditi, A.G., Looney, J., King Jr., T.J.** (2016) Resilience of the U.S. Electricity System: A Multi-Hazard Perspective. Energy Policy and Systems Analysis, U.S. Department of Energy, Washington, DC.
- 6) **Klein, R.J.T., G.F. Midgley, B.L. Preston, M. Alam, F.G.H. Berkhout, K. Dow, and M.R. Shaw,** 2014: Adaptation opportunities, constraints, and limits. In: *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Field, C.B., V.R. Barros, D.J. Dokken, K.J. Mach, M.D. Mastrandrea, T.E. Bilir, M. Chatterjee, K.L. Ebi, Y.O. Estrada, R.C. Genova, B. Girma, E.S. Kissel, A.N. Levy, S. MacCracken, P.R. Mastrandrea, and L.L. White (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp. 899–943.
- 7) **Preston, B.L., Keenan, R.** (2014) *Research to Action: A Multi-Institutional Synthesis of the Victorian Center for Climate Change Adaptation Research*. University of Melbourne, Melbourne, Victoria.

- 8) **Preston**, B.L., Maloney, M., Thomsen, D., Smith, T., Mangoyana, R., Conlon, B. (2014). *A Multi-Criteria Analysis of Coastal Adaptation Options for Local Government*. Prepared for the Sydney Coastal Councils Group by Oak Ridge National Laboratory and the University of the Sunshine Coast, Oak Ridge, Tennessee and Sippy Downs, Queensland.
- 9) Mangoyana, R.B., Thomsen, D.C., Smith, T.F., **Preston**, B.L., Heinz, S., Maloney, M., Withycombe, G., Armstrong, I. (2012) *A Literature of Adaptation to Climate Change in the Coastal Zone*. Prepared for the Sydney Coastal Councils Group by Oak Ridge National Laboratory and the University of the Sunshine Coast, Oak Ridge, Tennessee and Sippy Downs, Queensland.
- 10) Thomsen, D.C., Smith, T.F., Jacobson, C., Mangoyana, R.B., **Preston**, B.L., Maloney, M.C., Withycombe, G., Armstrong, I. (2012). *A Guide to Monitoring and Evaluating Coastal Adaptation*. Prepared for the Sydney Coastal Councils Group by Oak Ridge National Laboratory and the University of the Sunshine Coast, Oak Ridge, Tennessee and Sippy Downs, Queensland.
- 11) Parish, E., **Preston**, B.L., Dale, V.H. (eds.) (2012) *Sustaining Tennessee in the Face of Climate Change: Grand Challenges and Great Opportunities*. Sustainable Tennessee Organization, Nashville.
- 12) Preston, B.L. (2012) Climate change vulnerability assessment: from conceptual frameworks to practical heuristics. Working Paper 16, Climate Adaptation Flagship, CSIRO, Aspendale, VIC.
- 13) Measham T.G., **Preston**, B.L., Smith, T.F., Brooke, C., Gorddard, R. (2010). *Adapting through Local Planning: Barriers and Opportunities for Climate Adaptation*. Socio-Economics and the Environment in Discussion (SEED). CSIRO Working Paper Series Number 2010-05. December 2010. ISSN 1834-5638. 28 pp.
- 14) Green, D., Jackson, S., Morrison, J., Altman, J.C., Abbott, B., Biddle, N., Evans, J.P., Dominey-Howes, D., Michael, C., Jordan, K., O'Neill, C., **Preston**, B.L., Stafford Smith, M., Steffen, W., Veland, S., Whitehead, P., and Woodward, E. (2010). *Risks from Climate Change to Indigenous Communities in the Tropical North of Australia*. Department of Climate Change and Energy Efficiency, Canberra.
- 15) **Preston**, B.L., and Stafford-Smith, M. (2009). *Framing Vulnerability and Adaptive Capacity Assessment*. CSIRO Climate Adaptation Flagship Working Paper, CSIRO, Aspendale and Canberra.
- 16) Smith, T.F., Brooke, C., Measham, T.G., **Preston**, B., Gorddard, R., Withycombe, G., Beveridge, B. and Morrison, C. (2009). *Case Studies of Adaptive Capacity*. Prepared for the Sydney Coastal Councils Group by the University of the Sunshine Coast and the CSIRO Climate Adaptation Flagship, Sippy Downs and Canberra.
- 17) Kinrade, P., Justus, M., Grey, S., **Preston**, B.L., Benedyka, S., and Skinner, J. (2008). *Impacts of Climate Change on Settlements in the Western Port Region. Climate Change Risks and Adaptation*. Prepared for the Western Port Greenhouse Alliance by Marsden Jacob Associates, Broadleaf Capital International, and the CSIRO Climate Adaptation Flagship, Melbourne.
- 18) Kinrade, P., **Preston**, B.L., Macadam, I., Fisher, T., Whiteoak, K., Wiedemann, N., and Mirams, s. (2008). *Impacts of Climate Change on Settlements in the Western Port Region. People, Property and Places*. Prepared for the Western Port Greenhouse Alliance by Marsden Jacob Associates and the CSIRO Climate Adaptation Flagship, Melbourne.
- 19) Smith, T.F., **Preston**, B., Gorddard, R., Brooke, C., Measham, T.G., Withycombe, G., Beveridge, B. and Morrison, C. (2008). *Regional Workshops Synthesis Report: Sydney Coastal Councils' Vulnerability to Climate Change*. Prepared for the Sydney Coastal Councils Group by the University of the Sunshine Coast and the CSIRO Climate Adaptation Flagship, Sippy Downs and Canberra.
- 20) **Preston**, B.L., Smith, T., Brooke, C., Gorddard, R., Measham, T., Withycombe, G., McInnes, K., Abbs, D., Beveridge, B., and Morrison, C. (2008). *Mapping Climate Change Vulnerability in the Sydney Coastal Councils Group*. Prepared for the Sydney Coastal Councils Group by the CSIRO Climate Adaptation Flagship, Canberra.
- 21) Jones, R.N., **Preston**, B., Brooke, C., Aryal, S., Benyon, R., Blackmore, J., Chiew, F., Kirby, M., Maheepala, S., Oliver, R., Polglase, P., Prosser, I., Walker, G., Young, B., and Young, M. (2007). *Climate Change and Australian Water Resources: A Preliminary Risk Assessment*. Prepared for the Australian Greenhouse Office and the National Water Commission, Canberra, Australia.
- 22) **Preston**, B.L., Jones, R.N., and Hennessy, K. (2007). Application of climate projections in impact and risk assessments. In *Climate Change in Australia – Technical Report 2007*. CSIRO and the Bureau of Meteorology, Aspendale and Melbourne, pp. 108–123.
- 23) Sheehan, P., Jones, R.N., Jolley, A., **Preston**, B.L., Clark, M., Durack, P., Islam, S., Sun, F., and Whetton, P. (200). *Climate Change and the Global Knowledge Economy: An Immediate Challenge*. CSES Climate Change Working Paper No. 11, Centre for Strategic Economic Studies, Victoria University, Melbourne, VIC, Australia.

- 24) Jones, R.N. and **Preston**, B.L. (2006) Addressing climate change: the benefits add up. In *The Heat is On. The Future of Energy in Australia*. Energy Futures Forum, CSIRO, Canberra, pp. 67–82.
- 25) **Preston**, B.L., Suppiah, R., Macadam, I., and Bathols, J.M. (2006). *Climate Change in the Asia/Pacific Region*. A consultancy report prepared for the Climate Change and Development Roundtable. Aspendale, VIC: CSIRO Marine and Atmospheric Research, 93 pp.
- 26) Suppiah, R., **Preston**, B.L., Whetton, P.H., McInnes, K.L., Jones, R.N., Macadam, I., Bathols, J.M., and Kirono, D.G.C. (2006). *Climate Change under Enhanced Greenhouse Conditions in South Australia an Updated Report on: Assessment of Climate Change, Impacts and Risk Management Strategies Relevant to South Australia*. A consultancy report prepared for the South Australian Government. CSIRO Marine and Atmospheric Research, Aspendale, VIC.
- 27) **Preston**, B.L., and Jones, R.N. (2006) *Adaptation Actions for Local Government*. A consultancy report prepared for SMEC Australia Pty Ltd. CSIRO Marine and Atmospheric Research, Aspendale, VIC.
- 28) **Preston**, B.L., and Jones, R.N. (2006) *Climate Change Impacts on Australia and the Benefits of Early Action to Reduce Global Greenhouse Gas Emissions*. A consultancy report prepared for the Australian Climate Change Business Roundtable.
- 29) **Preston**, B.L., and Smith, J.B. (2004) *Potential Impacts of Climate Change on the United States*. A consultancy report prepared for the U.S. National Commission on Energy Policy.

Books, Book Chapters, and Dissertation

- 1) Keskitalo, E.C.H. and Preston, B.L. (eds.) (2019) *Research Handbook on Climate Change Adaptation Policy*. Edward Elgar Publishing Ltd., Cheltenham, UK, in press.
- 2) Kawanishi, M., **Preston**, B.L., Ridwan, N.A. (2015). Evaluation of national adaptation planning: a case study in Indonesia. In S. Kaneko and M. Kawanishi (eds.), *Climate Change Policies and Challenges in Indonesia*, Springer, pp. 85-107.
- 3) **Preston**, B.L., Rickards, L., Dessai, S., and Meyer, R. (2013). Water, seas, and wine: science for successful adaptation. In *Successful Adaptation to Climate Change*, Moser, S. and Boykoff, M. (eds.), Routledge, New York, NY, pp. 151-169.
- 4) Measham, T.G. and **Preston**, B.L. (2012). Vulnerability analysis and community engagement: a case study of the Sydney Climate Change Adaptation Initiative. In Locki, S. and Measham R.G. (eds.) *Risk and Social Theory in Environmental Management*, pp 147-157.
- 5) **Preston**, B.L. and Kay, R.C (2010). Managing climate risk in human settlements. In *Greenhouse 2009*, Springer and CSIRO Publishing, Melbourne, pp. 185–196. .
- 6) **Preston**, B.L. and Westaway, R.M. (2010). A critical look at the state of adaptation planning. In *Greenhouse 2009*, Springer and CSIRO Publishing, Melbourne, pp. 205–219.
- 7) Hennessy, K.J., Whetton, P.H., and **Preston**, B.L. (2010). Climate projections. In *Adapting Agriculture to Climate Change: Preparing Australian Agriculture, Forestry and Fisheries for the Future*, C. Stokes and M. Howden (eds). CSIRO Publishing, Melbourne, pp. 13–20.
- 8) **Preston**, B.L. (2009). Equitable climate policy in a dangerous world. In *Social Justice and Climate Change*, J. Moss (ed). Melbourne University Press, Melbourne, pp. 224–245.
- 9) Smith, T.F., Brooke, C., **Preston**, B. Gorddard, R., Abbs, D. McInnes, K., Withycombe, G., and Morrison, C. (2009). Managing coastal vulnerability: new solutions for local government. In *Integrated Coastal Zone Management*, E. Dahl, E. Moksness, and J Støttrup (eds.), Wiley-Blackwell Publishing, Oxford, pp. 331–340.
- 10) Arroyo, V. and **Preston**, B.L. (2006). Change in the marketplace: pioneers in the business community. In *Communicating Urgency, Facilitating Social Change: New Strategies for Climate Change*. S. Moser and L. Dilling [eds], Cambridge University Press, Cambridge, UK, 319-338.
- 11) **Preston**, B.L. (2004). GIS-based localization of impaired benthic communities in Chesapeake Bay: Associations with indicators of anthropogenic stress. In *Landscape Ecology and Wildlife Habitat Evaluation: Critical Information for Ecological Risk Assessment, Land-Use Management Activities, and Biodiversity Enhancement Practices, ASTM STP 1458*, L. A. Kapustka, H. Galbraith, M. Luxon, and G. R. Biddinger, Eds., ASTM International, West Conshohocken, PA, pp. 221–241.
- 12) **Preston**, B.L. (2000). *Toxicant Interactions with the Biotic and Abiotic Environment of Freshwater Rotifers*. PhD Dissertation, School of Biology, Georgia Institute of Technology, 242 pages.

Peer-Reviewed Conference Papers

- 1) Yuen, E.J., Stone-Jovicich, S., **Preston**, B.L. (2010) Social learning in vulnerability assessments: The role of double loop learning in helping communities adapt to climate change. 8th ALARA World Congress 2010, Melbourne, Victoria, 6-9 September 2010.

- 2) **Preston**, B.L., Abbs, D., Beveridge, B., Brooke, C., Gorddard, R., Measham, T.G., Hunt, G., Justus, M., Kinrade, P., Macadam, I., McInnes, K., Morrison, C., Smith, T.F., and Withycombe, G. (2007). Spatial approaches for assessing vulnerability and consequences in climate change assessments. In Oxley, L. and Kulasiri, D. (eds) MODSIM 2007 International Congress on Modeling and Simulation. Modeling and Simulation Society of Australia and New Zealand, December 2007, ISBN: 978-0-9758400-4-7, pp. 261–267.
- 3) Justus, M., Kinrade, P., and **Preston**, B.L. (2007). Translating scientific understanding of climate change impacts into effective policy response – the critical role of stakeholder engagement. In Oxley, L. and Kulasiri, D. (eds) MODSIM 2007 International Congress on Modeling and Simulation. Modeling and Simulation Society of Australia and New Zealand, December 2007, ISBN: 978-0-9758400-4-7, pp. 268–273.
- 4) **Preston**, B.L. (2005). Stochastic simulation for climate change risk assessment and management. *Proceedings of the International Congress on Modeling and Simulation*. Melbourne, VIC, 12-15 December, 2005.
- 5) **Preston**, B.L. (2005). Use of GIS to study the evolution of environmental change in a large estuarine system. *Proceedings of the International Congress on Modeling and Simulation*. Melbourne, VIC, 12–15 December, 2005.

Non Peer-Reviewed Conference Papers

- 1) **Preston**, B.L., Danese, C., Yuen, E.J. (2011) Embedding climate change risk assessment in a governance context. Colorado Conference on Earth System Governance, 17–20 May, 2011, Fort Collins, CO.
- 2) **Preston**, B.L., Westaway, R., Dessai, S., and Smith, T.F. (2009). Are we adapting to climate change? Research and methods for evaluating progress. Fourth Symposium on Policy and Socio-Economic Research, AMS Annual Meeting, 12–15 January, 2009, Phoenix, AZ.
- 3) **Preston**, B.L., Smith, T.F., Brooke, C., Gorddard, R., Measham, T.G., Withycombe, G., Beveridge, B., Morrison, C., McInnes, K., and Abbs, D. (2008). Climate change vulnerability mapping as a stakeholder engagement tool: case study from Sydney, Australia. Coastal Cities Summit, 17–20 November, St. Petersburg, FL.
- 4) Withycombe, G., Beveridge, B., **Preston**, B., Smith, T.F., Brooke, C., Measham, T.G., Gorddard, R. and Morrison, C. (2008). Improving local government’s capacity to adapt to climate change at the regional and local scale. New South Wales Coastal Conference, Wollongong, NSW, 4–7 November, 2008.
- 5) **Preston**, B.L., Beveridge, B., Withycombe, G., Morrison, C., Smith, T.F., Brooke, C., Gorddard, R., Measham, T., Abbs, D., and McInnes, K. (2007). Integrated approaches to regional climate change adaptation strategies: project methodology, results and key lessons learnt. New South Wales Coastal Conference, Yamba, NSW, 7–9 November, 2007.
- 6) Withycombe, G., Smith, T.F., Brooke, C., **Preston**, B., Gorddard, R., Abbs, D., McInnes, K., Beveridge, B., and Morrison, C. (2007). Managing for climate variability in the Sydney region – issues, needs and new solutions for local government. Queensland Coastal Conference, Bundaberg, QLD, 17–19 September, 2007.
- 7) Hatfield-Dodds, S., Morrison, M., MacDonald, D.H., Jollands, N., and **Preston**, B.L. (2007). Improving the communication of climate change policy impacts: measuring the extent of framing bias in attitudes towards policy options. Australian Agricultural and Resource Economics Society, Queenstown, New Zealand, 13–16 February, 2007.
- 8) Hatfield-Dodds, S., Morrison, M., MacDonald, D.H., Jollands, N., and **Preston**, B.L. (2006). Improving communication of climate change impacts: understanding that a ‘forgone gain’ is not the same as a ‘cost’. International Society for Ecological Economics, New Delhi, India 15–18 December, 2006.
- 9) Withycombe, G., Smith, T.F., Brooke, C., **Preston**, B., Gorddard, R., Abbs, D., and McInnes, K. (2006). Managing for Climate Variability in the Sydney Region – Issues, needs and new solutions for Local Government. 15th NSW Coastal Conference, Coffs Harbor, NSW, 7–9th November, 2006.
- 10) Smith, T.F., **Preston**, B.L., McInnes, K., and Withycombe, G. (2005). A Systems Approach to Coastal Research and Management. 15th NSW Coastal Conference 8–11 November, 2005.

Other Publications

- 1) **Preston**, B.L. and Jones, R.N. (2007). The benefit to the economy of early climate change action. *ECOS*, June-July.
- 2) **Preston**, B.L. (2005). Global warming and extreme weather events. *Catastrophe Risk Management*, April.
- 3) **Preston**, B.L. (2004). Is global warming causing an increase in hurricanes? *Bay Soundings*, Fall.

- 4) **Preston, B.L.** (2003). Book review: Schneider, S.H., Root, T.L. (eds.), *Wildlife Responses to Climate Change*, Island Press, Washington, DC. *Climate Policy* 3:319-322.
- 5) **Preston, B.L.** (2003). Book review: Maslin, M., *Stormy Weather: A Forecast of Increased Storms, Worsening Weather and Detailed Explanations of the Causes*, Apple Press, Brighton, UK. *Climate Policy* 3:182-185.
- 6) Claussen, E., and **Preston, B.L.** (2003). Global warming: fact or fiction. *Green@work* September/October.
- 7) **Preston, B.L.** (2002). Climate change and U.S. aquatic ecosystems – opportunities for state action. *EcoStates* (journal of the Environmental council of the States), Spring edition.
- 8) **Preston, B.L.** (2000). Valuation in risk-based decision-making: Implications for ecological risk assessment. *SETAC Globe* 1(6):33-34.

Presentations

Invited

- 1) Preston, B.L. Triage Based Planning for Climate Change Adaptation. Texas A&M University, College Station, TX, 5 November, 2018.
- 2) Preston, B.L. RAND Infrastructure Resilience and Environmental Policy Program. Arizona State University, Tucson, AZ, 27 August, 2018.
- 3) Preston, B.L. Extreme Events – Heat and Drought. 20th Energy and Climate Research Seminar, Electric Power Research Institute, Washington, DC, 10 May, 2017.
- 4) Preston, B.L. To Have and Have Not: Economic Development and the Prospects for Adaptation. Carnegie Institute, Stanford University, 1 March, 2016.
- 5) Preston, B.L. Extreme Weather, Climate, and Energy: Understanding the Links for a More Resilient Energy System. Glen Gerberg Weather and Climate Summit, Breckenridge, Colorado, 21 January, 2016.
- 6) Preston, B.L. Mapping Vulnerability to Climate Change: Challenges and Opportunities. Global Security Initiative, Arizona State University, 17 October, 2015.
- 7) Preston, B.L. Adaptation Science: Where to from Here? Center for Climate Adaptation Science and Solutions, University of Arizona, Tempe, Arizona, 16 October, 2015.
- 8) Preston, B.L. Toward Reflexive Climate Risk Management. Department of Geography Colloquium, University of Tennessee-Knoxville, Knoxville, Tennessee, 10 September, 2015.
- 9) Preston, B.L. Fatal Shores: Managing Climate Risk in Coastal Communities. Metcalf Institute for Marine and Environmental Reporting, University of Rhode Island, Narragansett, Rhode Island, 11 June, 2015.
- 10) Preston, B.L. Panel: Anticipating Near-Term Climate Disruption on the Human Geography Scale. Climate and Human Security Conference, University of Colorado, Boulder, Colorado, 3-4 June, 2015.
- 11) Kao, S.-C., D. Rastogi, B. S. Naz, M. Ashfaq, B. L. Preston, E. D. Kabela, Rui Mei and N. Singh (2014). Towards the Development of an Integrated Energy-Water Risk Assessment Tool for Probable Maximum Precipitation and Flood. World Environmental & Water Resources Congress 2014, Portland, Oregon, June 1-5 June.
- 12) Preston, B.L. Panel: SSP Extensions for Improved Impacts, Adaptation, Vulnerability, and Mitigation Assessments. IPCC Expert Meeting on Scenarios, Laxenburg, Austria, 18-20 May, 2015.
- 13) Gangrade, S., B. S. Naz, S.-C. Kao, M. Ashfaq, R. Mei, D. Rastogi, B.L. Preston, E.D. Kabela, N. Singh, and V. Anantharaj (2015). High Resolution Distributed Hydrological Modeling for Extreme Flood Events. World Environmental & Water Resources Congress 2015, Austin, Texas, May 17-21.
- 14) Assessing and Managing Climate Change Risk. UNFCCC National Adaptation Planning Expo 2014. Bonn, Germany, 8-9 August, 2014.
- 15) Preston, B.L. Use of Demographic Scenarios in Impacts, Adaptation, and Vulnerability Studies. USGCRP Workshop: Towards Scenarios of U.S. Demographic Change. Rockville, Maryland, 22-23 June, 2014.
- 16) Preston, B.L. Overcoming Path Dependence in Climate Adaptation. Department of Geography, Monash University, Melbourne, Victoria, 2 April, 2014.
- 17) Preston, B.L. Review and reflection on adaptation research in Australia. Victorian Centre for Climate Change Adaptation Research Annual Forum, Melbourne, Victoria, 19-20 March, 2014.
- 18) Preston, B.L. Measuring the Success of Climate Adaptation in Policy and Practice. Victoria Government Invited Seminar, Melbourne, Victoria, 12 March, 2014.
- 19) Preston, B.L. Overcoming Path Dependence in Climate Adaptation. Griffith Climate Change Response Program, Griffith University, Gold Coast, Queensland, 6 March, 2014.
- 20) Preston, B.L. Climate Risk Management: Challenges and Opportunities. Chattanooga Engineer's Club, Chattanooga, Tennessee, 20 May, 2013.

- 21) Preston, B.L. Socioeconomic Drivers of Vulnerability to Climate Variability and Change. Department of Civil and Environmental Engineering, University of Tennessee-Knoxville, 26 January, 2012.
- 22) Preston, B.L. A Critical Look at the Utility of Adaptation Science. Department of Environmental Earth System Sciences, Stanford University, Palo Alto, 7 December, 2011.
- 23) Preston, B.L. Committed Climate Vulnerability and its Implications for Adaptation Demand. Sustainability Policy Institute, Curtin University, Fremantle, 14 April, 2011.
- 24) Preston, B.L. Assessment and Adaptation in the Coastal Zone. Coastal Conversations Seminar Series, Northern Agricultural Catchments Council, Geraldton, Australia, 11 April, 2011.
- 25) Preston, B.L. Through a Lens Darkly: Climate Adaptation in a Complex World. Plenary presentation. Greenhouse 2011, Cairns, 4–8 April, 2011.
- 26) Preston, B.L. Scenarios for Climate Adaptation: An International Perspective. University of Melbourne, Melbourne, Australia, 17–18 November, 2010.
- 27) Preston, B.L. Climate Change, Energy and the Adaptation Challenge. Earth Science Information Partnership Meeting, Knoxville, TN, 20–23 July, 2010.
- 28) Preston, B.L. Assessing Vulnerability and Risk. Climate Change Adaptation Forum, Melbourne and Sydney, 24 & 26 November, 2009.
- 29) Preston, B.L. Panel: Adaptation – Local Government Action. Working with Climate Change: An Adaptation Symposium, Melbourne, 3–4 June, 2009.
- 30) Preston, B.L. Complexity, Uncertainty and the Assessment of Climate Risk. Centre for Strategic Economic Studies Seminar Series, Victoria University, Melbourne, 27 May, 2009.
- 31) Preston, B.L. What Does the Future Environment Look Like: Regional Impacts. ICLEI Local Government Leadership Forum, Melbourne, 4 March, 2009.
- 32) Preston, B.L. Climate Adaptation Down Under: Science for Decision-Making. Climate Impacts Group, University of Washington, Seattle, 10 November, 2008.
- 33) Preston, B.L. Panel: Pathways for Transitioning to More Sustainable Cities. World Sustainable Buildings Conference, Melbourne, Australia, 22 September, 2008.
- 34) Preston, B.L. Climate Adaptation Down Under: Science for Decision-Making. Tyndall Centre for Climate Change Research, Norwich, UK, 18 June, 2008.
- 35) Preston, B.L. Climate Change in the Hawkesbury-Nepean Catchment. Climate Change Adaptation Forum, Camden, NSW, 17 April, 2008.
- 36) Preston, B.L. Equity and Dangerous Climate Change. Social Justice and Climate Change Conference, Melbourne University, Melbourne, VIC, 4 April, 2008.
- 37) Preston, B.L. Adapting Urban Water Systems to Climate Change. Australia Germany Workshop on Urban Water Management Research, Melbourne, VIC, 2 April, 2008.
- 38) Preston, B.L. Panel: Climate Change in the Asia Pacific, Community Impacts and Design Solutions. Engineers without Borders National Conference 2007, Melbourne University, Melbourne, VIC 30th November, 2007.
- 39) Preston, B.L. The Impacts of Climate Change: What do We Know? What do We Not Know? Australian/New Zealand Society of Ecological Economics Policy Workshop on Climate Change, Noosa, QLD, Australia, 6 July, 2007.
- 40) Preston, B.L. Climate Change Science: 2007. NSW Department of Primary Industries Climate Risk Management Regional Forum, Nowra and Bega, NSW, 19-20 June, 2007.
- 41) Preston, B.L. and Jones, R.N. Applications of Risk Assessment for Climate Change. Techfest, Clayton, VIC, 9-10 May, 2007.
- 42) Preston, B.L. Australia's Sustainable National Development. Australia Unlimited, Melbourne, 7-8th March, 2007.
- 43) Preston, B.L. Climate Change in the Asia/Pacific Region. ACFID Member Update Meeting, Melbourne and Sydney, 22nd and 23rd November, 2006.
- 44) Preston, B.L. Climate Change in Central Australia. ABARE Regional Economic Outlook Conference, Alice Springs, NT, Australia, 16th November, 2006.
- 45) Preston, B.L. Climate Change in the Asia/Pacific Region. Westpac, Auckland, NZ, 3rd November, 2006.
- 46) Preston, B.L. Climate Change Workshop. RUMAD and Education Foundation, Melbourne, VIC, 16th October, 2006.
- 47) Preston, B.L. Risk-Based Applications in Climate Change Impact Assessment. CSIRO Marine and Atmospheric Research, Ecological Risk Assessment Workshop, Hobart, TAS, 10th–11th October, 2006.
- 48) Preston, B.L. Our Changing Climate: Past Present and Future. State Conference of the Victoria Greens, 2nd September, 2006.

- 49) Preston, B.L. Adapting the Coastal Zone to Climate Change. Engineers Australia, Maritime Panel, Hazard Assessment and Risk for Coastal Development, Sydney, NSW, 21 August, 2006.
- 50) Preston, B.L. One Model, Two Model, Three Model, More? Climate Change Ensembles and Risk. CSIRO Marine & Atmospheric Research Seminar, Aspendale, VIC, 10th August, 2006.
- 51) Preston, B.L. Climate Change and Coastal Vulnerability. Coast to Coast 2006, Melbourne, VIC, Australia, 22–25 May, 2006.
- 52) Preston, B.L. Climate Change and Coastal Australia. Climate Change and the Coast: Decision-Maker Needs and Research Directions - Stakeholder Workshop, Port Douglas, QLD, 6 April, 2006.
- 53) Preston, B.L. Climate Change in Northern Australia. Sharing Knowledge Workshop, Darwin, NT, 28–31 March, 2006.
- 54) Preston, B.L. Managing Climate Change in Regional Australia, Climate Action Network Australia Conference, Melbourne, Victoria, 29 September, 2005.
- 55) Preston, B.L. Interactions Between Data, Observations, and Modeling: Comments on the Draft Strategic Plan. U.S. Climate Change Science Program Planning Workshop, Washington, D.C., December 2–5, 2002.
- 56) Preston, B.L., and Lindzen, R.S. Global Climate Change: A Debate. The Philanthropy Roundtable, Amelia Island, Florida, 2002.

Graduate and Post-Graduate Advisees

PhD students:

- Chiara Danese, Sustainability Policy Institute, Curtin University (2010-2017)
- Carmen Elrick, Sustainability Research Centre, University of the Sunshine Coast (2011-2016)
- S. Mariya Absar, Bredesen Center, University of Tennessee-Knoxville (2014-2018)
- Esther Parish, Bredesen Center, University of Tennessee-Knoxville (2014-2016)
- Kathleen M. Ernst, Bredesen Center, University of Tennessee-Knoxville (2014-2018)

Post-Doctoral associates:

- Willis Otieno Shem, ORNL (2010-2013)
- Sujithkumar Surendran Nair, ORNL (2012-2016)

Post-Masters associates:

- Seyeda Mariya Absar, ORNL (2012-2014)

Post-Bachelors associates:

- Megan Maloney, ORNL (2011-2013)

Undergraduate research assistants:

- Brian Conlon (University of Tennessee-Knoxville) (2012)
- Jeremiah Shackelford (University of North Carolina-Chapel Hill) (2000-2001)

Media Experience

- 1) Television experience has included live interviews with CNN International, The Weather Channel, SBS (Australia), ABC (Australia), Seven (Australia) as well as pre-recorded interviews with Nine (Australia), Ten (Australia), WATE Channel Six (Knoxville, TN, USA), and PBS SoCal (Los Angeles, CA, USA).
- 2) Radio experience has included numerous interviews with media outlets in the United States, UK (e.g., BBC), Australia (e.g., ABC), and New Zealand.
- 3) Extensive history with print media including dozens of interviews with major international newspapers, wire services and trade/industry press.