

William Solecki

Curriculum Vitae

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ADD EDMONTON MEETING INFORMATION PUBLICATION

Education

- Ph.D. 1990 Geography - Rutgers University, New Brunswick, New Jersey
M.A. 1987 Geography - Rutgers University, New Brunswick, New Jersey
B.A. 1984 Geography - Columbia University, New York, New York

Current Appointment

- 2003- Professor, Department of Geography and Environmental Science, City University of New York–Hunter College.
Faculty, Earth and Environmental Science Doctoral Program, City University of New York–Graduate Center

Professional Positions

- 2020-2021 Acting Chair, Department of Geography and Environmental Science, Hunter College
2019- Executive Committee, Earth and Environmental Science Doctoral Program, CUNY Graduate Center
2016- Chair, Public Policy Curriculum Committee, Public Policy Program, Hunter College
2016- Research Fellow, Roosevelt House for Public Policy, Hunter College
2013-2015 Interim Director, Science and Resilience Institute @ Jamaica Bay, Nine institution CUNY lead consortium
2006-2014 Director, CUNY Institute for Sustainable Cities (2015- Emeritus Director)
2005-2007 Chair, Department of Geography, City University of New York-Hunter College
2004-2005 Fellow, Center for Place, Culture, and Politics, City University of New York–Graduate Center
2002-2003 Professor, Department of Earth & Environmental Studies, Montclair State University
1997-2002 Associate Professor, Department of Earth & Environmental Studies, Montclair State University
1996-1997 Associate Professor, Department of Geography, Florida State University
1991-1996 Assistant Professor, Department of Geography, Florida State University
1990-1991 Visiting Assistant Professor, Department of Geography and Planning, West Chester University

Selected Recent Honors and Affiliations

- 2022 Summary for Policy Makers, Section Lead, IPCC, AR6, WG2, Approval Session
2021-2022 New York State Climate Assessment, Society and Economy Advisor
2021 Reuters “Hot List” of the 1000 most influential climate scientists in the world
2020 Gilbert White Public Service Honor, American Association of Geographers
2018-current Research Council, Science and Resilience Institute @ Jamaica Bay

- 2018-2022 IPCC AR6, WG2, Chapter 17, LA
- 2016-2019 *Frontiers in the Built Environment*, Urban Science, Associate editor.
- 2016-2018 IPCC Special Report on 1.5°C, Scooping Committee, CLA, Chapter 1
- 2016-2018 Social Science Perspectives on Climate Change, Workshop Committee, US Global Change Research Program.
- 2016-2018 U.S. National Climate Assessment (NCA4), LA, Chapter 18, Northeast Region.
- 2015-2019 US National Research Council, Panel on Geographic Sciences
- 2015 Fulbright Award, Specialist Program, University of Warsaw, October
- 2015-2019 Co-Chair, New York City Panel on Climate Change, NPCC3
- 2014-current The Nature Conservancy, New York State Division, Board Member
- 2014-2018 US National Research Council Round Table on Resiliency, Risk, and Extreme Events including appointment to the Steering Committee for Community Partnerships
- 2014-current Co-Editor, *Journal of Extreme Events*
- 2012-current Co-Editor, *Current Opinion in Environmental Sustainability*
- 2008-current Founder and co-director of the Urban Climate Change Research Network – UCCRN.org
- 2013-2014 Co-Chair, New York City Panel on Climate Change, NPCC2
- 2011-2014 U.S. National Climate Assessment, Coordinating Lead Author, Chapter 11, Urban, Infrastructure, and Vulnerability.
- 2010 -2014 Intergovernmental Panel on Climate Change, Lead Author, Chapter 8, Urban Areas, Working Group II, 5th Assessment Report
- 2011 Fulbright Award, Specialist Program, Ireland – University of Ireland - Maynooth
- 2009-2012 Integration Action Committee, Technical Advisor, New York State Climate Action Council.
- 2009-2011 Climate Change Adaptation, Technical Working Group Member, New York State Climate Action Council.
- 2008-2011 Co-Chair, New York City Panel on Climate Change, NPCC1
- 2006-2014 Scientific Steering Committee, Urbanization and Global Environmental Change Core Project, International Human Dimensions Programme
- 2006-2007 Intergovernmental Panel on Climate Change, Contributing Lead Author, three chapters, Working Group II, 4th Assessment Report
- 2005-2009 Committee membership on NSC National Academies (NRC), Member of Scientific Committee on Problems of the Environment (SCOPE).

Publications – Books (edited or authored)

- Solecki, W. (2023). *How Cities Solve Environmental Problems: Lessons for Transformative Urban Climate Action*. Cambridge University Press. Under Contract.
- Waldman, J. and Solecki, W. (2023). *The Great Transformation: Jamaica Bay in the Late 19th and Early 20th Centuries*. Fordham University Press. With the publisher.
- Solecki, W. and Rosenzweig, C. Eds. (2022). *Climate Change and U.S. Cities: Urban Systems, Sectors, and Prospects for Action*. Washington DC: Island Press.
- Rosenzweig, C. and Solecki, W. Eds. (2019). *Advancing Tools and Methods for Flexible Adaptation Pathways and Science Policy Integration*: New York City Panel on Climate Change 2019 Report Ann. N.Y. Acad. Sci., Vol. 1439.
- Rosenzweig C, Solecki W, Romeo-Lankao P, Shagun M, Dhakal S., and Ali-Ibrahim S. Eds. (2018). *Second Assessment of Research on Climate Change in Cities*. Cambridge University Press.

- Sanderson E, Solecki W, Waldman J, and Parris, eds. (2016). *A. Prospects for Resilience: Insights from New York City's Jamaica Bay*. Island Press. Washington. D.C. USA.
- Seto K, Solecki W, Griffith C. eds. (2015). *Handbook in Urbanization and Global Environmental Change*. Routledge Press.
- Rosenzweig C and Solecki, W. Eds. (2015). *A Knowledge Base for Climate Resilience in New York City: Post-Hurricane Sandy Science and Assessment*. New York City Panel on Climate Change 2015 Report. New York Academy of Sciences. Ann. N.Y. Acad. Sci., Vol. 1336.
- Rosenzweig, C., Solecki, W., Hammer, S., Shagun, M. Eds. (2011). *First Assessment of Research on Climate Change in Cities*. Cambridge University Press.
- Rosenzweig, C. and Solecki, W. Eds. (2010). *Climate Change Adaptation in New York City: Building a Risk Management Response* New York City Panel on Climate Change Report. Annals of New York Academy of Sciences, Volume 1195.
- Feng, H., Yu, L., Solecki, W. Eds. (2005). *Urban Dimensions of Environmental Change*. Science Press and Science Press USA Inc.: Monmouth Junction, NJ and Beijing.

Publications – Articles and Chapters (peer-reviewed)

- Friedman, E. William Solecki, Tiffany G. Troxler, Zachary Paganini. (2022). Linking quality of life and climate change adaptation through the use of the Macro-Adaptation Resilience Toolkit. *Climate Risk Management*. Accepted pending revisions.
- IPCC, 2022: Summary for Policymakers [; Hans-O. Pörtner, Debra C. Roberts, Helen Adams, Carolina Adler, Paulina Aldunce, Elham Ali, Rawshan Ara Begum, Richard Betts, Rachel Bezner Kerr, Robbert Biesbroek, Joern Birkmann, Kathryn Bowen, Edwin Castellanos, Guéladio Cissé, Andrew Constable, Wolfgang Cramer, David Dodman, Siri H. Eriksen, Andreas Fischlin, Matthias Garschagen, Bruce Glavovic, Elisabeth Gilmore, Marjolijn Haasnoot, Sherilee Harper, Toshihiro Hasegawa, Bronwyn Hayward, Yukiko Hirabayashi, Mark Howden, Kanungwe Kalaba, Wolfgang Kiessling, Rodolphe Lasco, Judy Lawrence, Maria Fernanda Lemos, Robert Lempert, Debora Ley, Tabea Lissner, Salvador Lluch-Cota, Sina Loeschke, Simone Lucatello, Yong Luo, Brendan Mackey, Shobha Maharaj, Carlos Mendez, Katja Mintenbeck, Vincent Möller, Mariana Moncassim Vale, Mike D Morecroft, Aditi Mukherji, Michelle Mycoo, Tero Mustonen, Johanna Nalau, Andrew Okem, Jean Pierre Ometto, Camille Parmesan, Mark Pelling, Patricia Pinho, Elvira Poloczanska, Marie-Fanny Racault, Diana Reckien, Joy Pereira, Aromar Revi, Steven Rose, Roberto Sanchez-Rodriguez, E. Lisa F. Schipper, Daniela Schmidt, David Schoeman, Rajib Shaw, Chandni Singh, William Solecki, Lindsay Stringer, Adelle Thomas, Edmond Totin, Christopher Trisos, Maarten van Aalst, David Viner, Morgan Wairiu, Rachel Warren, Pius Yanda, Zelina Zaiton Ibrahim. In: *Climate Change 2022: Impacts, Adaptation, and Vulnerability*. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [H.-O. Pörtner, D.C. Roberts, M. Tignor, E.S. Poloczanska, K. Mintenbeck, A. Alegría, M. Craig, S. Langsdorf, S. Löschke, V. Möller, A. Okem, B. Rama eds.]. Cambridge University Press. In Press.
- Pörtner, H.-O., D.C. Roberts, H. Adams, I. Adelekan, C. Adler, R. Adrian, P. Aldunce, E. Ali, R. Ara Begum, B. Bednar-Friedl, R. Bezner Kerr, R. Biesbroek, J. Birkmann, K. Bowen, M.A. Caretta, J. Carnicer, E. Castellanos, T.S. Cheong, W. Chow, G. Cissé, S. Clayton, A. Constable, S. Cooley, M.J. Costello, M. Craig, W. Cramer, R. Dawson, D. Dodman, J. Efitre, M. Garschagen, E.A. Gilmore, B. Glavovic, D. Gutzler, M. Haasnoot, S. Harper, T. Hasegawa, B. Hayward, J.A. Hicke, Y. Hirabayashi, C. Huang, K. Kalaba, W. Kiessling, A. Kitoh, R. Lasco, J. Lawrence, M.F. Lemos, R. Lempert, C. Lennard, D. Ley, T. Lissner, Q.

- Liu, E. Liwenga, S. Lluch-Cota, S. Löschke, S. Lucatello, Y. Luo, B. Mackey, K. Mintenbeck, A. Mirzabaev, V. Möller, M. Moncassim Vale, M.D. Morecroft, L. Mortsch, A. Mukherji, T. Mustonen, M. Mycoo, J. Nalau, M. New, A. Okem (South Africa), J.P. Ometto, B. O'Neill, R. Pandey, C. Parmesan, M. Pelling, P.F. Pinho, J. Pinnegar, E.S. Poloczanska, A. Prakash, B. Preston, M.-F. Racault, D. Reckien, A. Revi, S.K. Rose, E.L.F. Schipper, D.N. Schmidt, D. Schoeman, R. Shaw, N.P. Simpson, C. Singh, W. Solecki, L. Stringer, E. Totin, C.H. Trisos, Y. Trisurat, M. van Aalst, D. Viner, M. Wairu, R. Warren, P. Wester, D. Wrathall, and Z. Zaiton Ibrahim, 2022: Technical Summary. [H.-O. Pörtner, D.C. Roberts, E.S. Poloczanska, K. Mintenbeck, M. Tignor, A. Alegría, M. Craig, S. Langsdorf, S. Löschke, V. Möller, A. Okem (eds.)]. In: *Climate Change 2022: Impacts, Adaptation, and Vulnerability*. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [H.-O. Pörtner, D.C. Roberts, M. Tignor, E.S. Poloczanska, K. Mintenbeck, A. Alegría, M. Craig, S. Langsdorf, S. Löschke, V. Möller, A. Okem, B. Rama (eds.)]. Cambridge University Press. In Press.
- New, M., D. Reckien, D. Viner, C. Adler, S.-M. Cheong, C. Conde, A. Constable, E. Coughlan de Perez, A. Lammel, R. Mechler, B. Orlove, and W. Solecki, (2022): Decision Making Options for Managing Risk. In: *Climate Change 2022: Impacts, Adaptation, and Vulnerability*. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [H.-O. Pörtner, D.C. Roberts, M. Tignor, E.S. Poloczanska, K. Mintenbeck, A. Alegría, M. Craig, S. Langsdorf, S. Löschke, V. Möller, A. Okem, B. Rama (eds.)]. Cambridge University Press. In Press.
- Birkmann, Joern, Ali Jamshed, Joanna M McMillan, Daniel Feldmeyer, Edmond Totin, William Solecki, Zelina Zaiton Ibrahim, Debra Roberts, Rachel Bezner Kerr, Hans-Otto Poertner, Mark Pelling, Riyanti Djalante, Matthias Garschagen, Walter Leal Filho, Debarati Guha-Sapir, Andrés Alegría. (2022). Understanding human vulnerability to climate change: A global perspective on index validation for adaptation planning. *Science of The Total Environment*. Vol. 803. <https://doi.org/10.1016/j.scitotenv.2021.150065>.
- Birkmann J, Daniel Feldmeyer, Joanna M McMillan, William Solecki, Edmond Totin, Debra Roberts, Christopher Trisos5, Ali Jamshed, Emily Boyd and David Wrathall. 2021. Regional clusters of vulnerability show the need for transboundary cooperation. *Environmental Research Letters*, Volume 16, Number 9; 094052.
- Solecki, William John Waldman, and M. Joy Cytryn. (2021). A hinge in history Environmental Transformation of New York's Jamaica Bay. In *Coastal Metropolis: Environmental Histories of Modern New York City*. Carl A. Zimring and Steven H. Corey. Eds. University of Pittsburgh Press. Pp.39-54.
- Pearsall H, Gutierrez-Velez VH, Gilbert MR, Hoque S, Eakin H, Brondizio E, Solecki W et al. (2021). Advancing equitable health and well-being across urban–rural sustainable infrastructure systems. *Nature, Urban Sustainability*. 1(1), 1-6.
- De Mel, M., Solecki, W., Horton, R., Bartlett, R., Hehmeyer, A., Martin, S., & Rosenzweig, C. (2021). Perceptions of Climate Risk and Use of Climate Risk Information by Natural Resource Conservation Stakeholders Participating in ADVANCE Projects in Asia and Latin America, *Weather, Climate, and Society*, 13(3), 423-436.
- Solecki, W., Delgado Ramos, G.C., Roberts, D. et al. (2021). Accelerating climate research and action in cities through advanced science-policy-practice partnerships. *npj Urban Sustain* 1, 3 <https://doi.org/10.1038/s42949-021-00015-z>
- Solecki W, Friedman E. (2021). At the Water's Edge: Coastal Settlement, Transformative Adaptation, and Well-Being in an Era of Dynamic Climate Risk. *Annual Review of Public*

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- Solecki, W., Rosenzweig, C. Indicators and monitoring systems for urban climate resiliency. *Climatic Change* (2020). <https://doi.org/10.1007/s10584-020-02947-4>.
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- Gornitz, V., Oppenheimer, M., Kopp, R., Horton, R., Orton, P., Rosenzweig, C., Solecki, W., Patrick, L. (2020). Enhancing New York City's resilience to sea level rise and increased coastal flooding, *Urban Climate*, Volume 33, <https://doi.org/10.1016/j.uclim.2020.100654>.
- Solecki W, Nancy Grimm, Peter Marcotullio, Christopher Boone, Antje Bruns, Jose Lobo, Andres Luque, Patricia Romero-Lankao, Andrea Young, Rae Zimmerman, Rebekah Breitzer, Corrie Griffith, Alexander Aylett. (2019). Extreme Events and Climate Adaptation-Mitigation Linkages: Understanding Low-Carbon Transitions in the Era of Global Urbanization. *WIREs Climate Change*. 10:6.
- Friedman, E. Breitzer, R and Solecki, W. (2019). Communicating extreme event policy windows: Discourses on Hurricane Sandy and policy change in Boston and New York City, *Environmental Science & Policy*, 100, 55-65.
- Moss, RH S Avery, K Baja, M Burkett, AM Chischilly, J Dell, PA Fleming, K Geil, K Jacobs, A Jones, K Knowlton, J Koh, MC Lemos, J Melillo, R Pandya, TC Richmond, L Scarlett, J Snyder, M Stults, AM Waple, J Whitehead, D Zarrilli, BM Ayyub, J Fox, A Ganguly, L Joppa, S Julius, P Kirshen, R Kreutter, A McGovern, R Meyer, J Neumann, W Solecki, J Smith, P Tissot, G Yohe, R Zimmerman 2019. Evaluating Knowledge to Support Climate Action: A Framework for Sustained Assessment. Report of an Independent Advisory Committee on Applied Climate Assessment. *Weather, Climate, and Society*. 11(3): 465-487
- Jones, HM, E Mecray, SD Birkel, K Conlon, P Kinney, VBS Silva, W Solecki, TM Surgeon-Rogers, TM. (2019). [Understanding Decision Context to Improve Heat Health Information](#) *Bulletin of the American Meteorological Society (BAMS)*
- Jorgenson AK, Fiske S, Hubacek K, Li J, McGovern T, Rick T, Schor JB, Solecki W, York R, Zycherman A. (2019). Social science perspectives on drivers of and responses to global climate change. *Wiley Interdiscip Rev Clim Change*. Jan-Feb;10(1):e554. doi: 10.1002/wcc.554. Epub 2018 Sep 9. PubMed PMID: 30774719; PubMed Central PMCID: PMC6360453.
- Patrick, L., Solecki, W., Gornitz, V., Orton, P., and Blumberg, A. (2019), New York City Panel on Climate Change 2019 Report Chapter 5: Mapping Climate Risk. *Ann. N.Y. Acad. Sci.*, 1439: 115-125. doi:[10.1111/nyas.14015](https://doi.org/10.1111/nyas.14015)
- Blake, R. Jacob, K. , Yohe, G. , Zimmerman, R. , Manley, D. , Solecki, W. and Rosenzweig, C. (2019), New York City Panel on Climate Change 2019 Report Chapter 8: Indicators and Monitoring. *Ann. N.Y. Acad. Sci.*, 1439: 230-279. doi:[10.1111/nyas.14014](https://doi.org/10.1111/nyas.14014)
- Solecki, W. and Rosenzweig, C. (2019), New York City Panel on Climate Change 2019 Report Chapter 9: Perspectives on a City in a Changing Climate 2008–2018. *Ann. N.Y. Acad. Sci.*, 1439: 280-305. doi:[10.1111/nyas.14017](https://doi.org/10.1111/nyas.14017)
- Rosenzweig C, and W Solecki. (2019). Action pathways for transforming cities. *Nature Climate Change* 8 (9), 756
- Dupigny-Giroux, L.A., E.L. Mecray, M.D. Lemcke-Stampone, G.A. Hodgkins, E.E. Lentz, K.E. Mills, E.D. Lane, R. Miller, D.Y. Hollinger, W.D. Solecki, G.A. Wellenius, P.E. Sheffield, A.B. MacDonald, and C. Caldwell, (2018) Northeast. In *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II* [Reidmiller, D.R., C.W. Avery, D.R.

- Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock, and B.C. Stewart (eds.]. U.S. Global Change Research Program, Washington, DC, USA, pp. 669–742. doi: 10.7930/NCA4.2018.CH18
- Allen, M.R., O.P. Dube, W. Solecki, F. Aragón-Durand, W. Cramer, S. Humphreys, M. Kainuma, J. Kala, N. Mahowald, Y. Mulugetta, R. Perez, M. Wairiu, and K. Zickfeld, (2018) Framing and Context. *In: Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* [Masson-Delmotte, V., P. Zhai, H.-O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J.B.R. Matthews, Y. Chen, X. Zhou, M.I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, and T. Waterfield (eds.)]. In Press.
- de Coninck, Helen, Aromar Revi, Mustafa Babiker, Paolo Bertoldi, Marcos Buckeridge, Anton Cartwright, Wenjie Dong, James Ford, Sabine Fuss, J-C Hourcade, Debora Ley, Reinhard Mechler, Peter Newman, Anastasia Revokatova, Seth Schultz, Linda Steg, Taishi Sugiyama, M Araos, S Bakker, A Bazaz, E Belfer, T Benton, I Camiloni, S Connors, D Dasgupta, K Ebi, M den Elzen, PF Pinho, P Forster, J Fuglestvedt, F Gherzi, V Ginzburg, A Grandis, B Hayward, E Haughey, O Hoegh-Guldberg, K Jiang, J Kala, R Klein, K de Kleijne, D Liverman, M Dominguez, S Mehrotra, L Mundaca, C Opio, A Payne, M Plazzotta, J Pereira, A Reisinger, K Rhiney, T Roberts, J Rogelj, A van Rooij, R Seferian, D Shindell, C Singh, R Slade, G Sparovek, A Suarez, S Seneviratne, J Sillmann, W Solecki, M Taylor, A Thomas, E Trutnevyte, A van Valkengoed, L Wollenberg (2018). Strengthening and implementing the global response. Chapter 4 of the *Intergovernmental Panel on Climate Change, SR 1.5°C Report - Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty*
- Bazaz, Amir Paolo Bertoldi, Marcos Buckeridge, Anton Cartwright, Heleen de Coninck, François Engelbrecht, Daniela Jacob, Jean-Charles Hourcade, Ian Klaus, Kiane de Kleijne, Shauib Lwasa, Claire Markgraf, Peter Newman, Aromar Revi, Joeri Rogelj, Seth Schultz, Drew Shindell, Chandni Singh, William Solecki, Linda Steg, Henri Waisman. (2018). Summary for Urban Policy Makers. What the IPCC Special Report on global warming of 1.5°C means for cities? *An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty*.
- New York City DEP. (2018). Jamaica Bay Watershed Protection Plan Update 2018. Community and Social Resilience Chapter. W. Solecki with a co-author.
http://www.nyc.gov/html/dep/html/dep_projects/jamaica_bay.shtml
- García Sánchez F, Solecki WD, Ribalaygua-Batalla C (2018). Climate change adaptation in Europe and the United States: A comparative approach to urban green spaces in Bilbao and New York City. *Land Use Policy*. 79: 164-173.
- Roy, Joyashree, P Tscharket, Henri Waisman, S Abdul Halim, Philip Antwi-Agyei, Purnamita Dasgupta, Bronwyn Hayward, Markku Kanninen, Diana Liverman, Chukwumerije Okereke, Patricia Fernanda Pinho, Keywan Riahi, AG Suarez Rodriguez. William Solecki 2018. Sustainable development, poverty eradication and reducing inequalities. Chapter 5 of the IPCC SR 1.5 degree report.
- Solecki W, Rosenzweig C, Dhakal S, Robert D, Barau AS, Schultz S, Urge-Vorstaz D (2018) City transformations in a 1.5°C warmer world. *Nature Climate Change*. Vol 8: 177-181.

- Garschagen, M, L Porter, D Satterthwaite, A Fraser, R Horne, M Nolan, W Solecki, E Friedman, E Dellas & F Schreiber (2018) The New Urban Agenda: From Vision to Policy and Action/Will the New Urban Agenda Have Any Positive Influence on Governments and International Agencies?/Informality in the New Urban Agenda: From the Aspirational Policies of Integration to a Politics of Constructive Engagement/ Growing Up or Growing Despair? Prospects for Multi-Sector Progress on City Sustainability Under the NUA/Approaching Risk and Hazards in the New Urban Agenda: A Commentary/Follow Up and Review of the New Urban Agenda, *Planning Theory & Practice*, 19:1, 117-137, DOI: 10.1080/14649357.2018.1412678
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- Solecki W, Rosenzweig C, Solecki S, Patrick L, Horton R, and Dorsch M. (2016). New York, United States of America – Case Study. In *Cities on a Finite Planet. Transformative responses to climate change*. S Bartlett and D Satterthwaite, eds. Routledge: London. 272 pages.
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- Solecki, W.D. (1998). Electronic list service of New York Metro Region Climate Change Network. Developer and owner. Montclair State University, Department of Earth and Environmental Studies and Office of Information Technologies.
- Solecki, W.D. (1996). Electronic list service of Florida Geography (fla_geog). Developer and owner. Florida State University, Department of Geography and Office of Academic Computing and Networking Services.
- Cardec, A., Nicley, E., and Solecki, W.D. (1996). Bibliography of Florida Geography. Florida State

- University, Department of Geography, Working Paper Series, Volume 2.
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- Winsberg, M., Solecki, W.D. and Walker, R. (1994). Rapidly changing land use in South Florida: measurement, problem, and solution. *Governing Florida*. 4: 23-28.
- Solecki, W.D., Walker, R. and Hodge, S. (1994). Data Dictionary for South Florida -Everglades Region. U.S. Man and the Biosphere, HDS-GIS Workgroup Paper.
- Walker, R., and Solecki, W.D. (1994). Encroachment and land use change in biosphere reserve regions. U.S. Man and the Biosphere, HDS-GIS Workgroup Paper.
- Solecki, W.D. (1991). Notes on S.A.R.A. Title III, acute chemical releases and emergency preparedness of rural America. *Hazardous Materials Dialogue*.
- Cutter, S.L., Birnbaum, S., Gronberg, K., Keebler, D., McNair, N., Solecki, W., Sun, D., Tiefenbacher, J., Wiley, J. (1989). *New Jersey Litter Survey, 1989*. N.J. Department of Environmental Protection, Trenton, NJ.
- Solecki, W., and Cutter, S.L., (1987). Living in the nuclear age. In *Fostering Global Thinking: A Geographical Teaching Resource Guide*, edited by Joanna Regulaska and Susan Cutter, Department of Geography, Rutgers University, pp. 34-43.
- Cutter, S.L., Solecki, W.D., and Mason, A.B., 7(1987). Emergency response planning for acute releases of hazardous substances: An Annotated Bibliography. Department of Geography Discussion Paper #25. New Brunswick, N.J.: 33 pp.
- Rogers, G., Solecki, W.D., and Vint, M.K., (1984). *Vegetation mapping and repeat photography*. U.S. National Park Service, Gateway National Recreation Area, Brooklyn, NY.

Book Reviews

- Solecki, W.D. (2016). A review *Black Earth: The Holocaust as History and Warning*. In *Annals of the American Association of Geographers*, In press.
- Solecki, W.D. (1996). A review of *Sustainable Cities*, by Graham Haughton and Colin Hunter. In *Annals of the American Association of Geographers*, 86: 800-801.
- Solecki, W.D. (1996). A review of *Forcing the Spring: The Transformation of the American Environmental Movement*, by Robert Gottlieb. In *Political Geography*, 15: 224-226.
- Solecki, W.D. (1992). A review of *Communicating Risks to the Public, International Perspectives*, edited by Roger E. Kasperson and Pieter Jan M. Stallen. In *Annals of the American Association of Geographers*, 82: 720-722.
- Solecki, W.D. (1991). A review of *The Fate of the Forest: Developers, Destroyers and Defenders of the Amazon*, by Susanna Hecht and Alexander Cockburn, and *The Burning Season: The Murder of Chico Mendes and the Fight for the Amazon Rain Forest*, by Andrew Revkin. In *Environmental History Review*. 15: 87-90.
- Solecki, W.D. (1989). A review of *Managing Disasters*, edited by Louise Comfort. In *Environment and Behavior* 21: 498-500.

Funded Research Grants and Projects - Selected

- NOAA The Resilient305 Collaborative: Advancing Hyperlocal, Replicable, Impact-driven Adaptation Science through Resilience Learning. 2021-2023. \$219,000. Solecki is a co-PI
- NOAA Connecting Upstream & Downstream Communities: A Methodology to Collaboratively Build Resilience in the Darby-Cobbs Watershed, Pennsylvania. 2021-2023. \$299,995. Solecki a co-PI.

- NOAA Regional Integrated Systematic Assessment. 2021-2026. \$3,500,000. Consortium for Climate Risk in the Urban Northeast (CCRUN). Phase 3. Solecki is a co-PI.
- NOAA Enhancing Coastal Resilience: Sustained Assessment Specialist for the Northeast U.S. Sustained. 2016-2018. \$211,200. Supplemental to the Consortium of Climate Risk in the Urban Northeast. Solecki is a co-PI.
- NOAA Regional Integrated Systematic Assessment. 2015-2020. \$3,500,000. Consortium for Climate Risk in the Urban Northeast (CCRUN). Phase 2. Solecki a co-PI.
- NSF, Sustainability Research Network. 2015-2020. \$12.0 million. Urban Resilience to Extremes Sustainability Research Network (UREx SRN). Solecki is a senior personnel collaborator.
- NSF, Rapid Grant. 2013-2015. \$53,250. Residential Transformation after Hurricane Sandy. Solecki is the P.I.
- NSF, Belmont Forum. 2014-2016. \$1.3 million. Transformation and Resilience on Urbanized Coasts. Solecki is a co-P.I.
- NYSERDA (New York State Energy Research and Development Agency). 2014-2016. \$350,000. Sustainable Orange County Project. Solecki is a co-investigator.
- Rockefeller Foundation. 2013-2015. \$449,000. Resilience and Jamaica Bay. Solecki is the P.I.
- National Park Science. 2014-2016 \$53,000. Historical Ecology and Resilience of Jamaica Bay. Solecki is the co-P.I.
- New York State 2020 Grant Challenge. 2014-2018. \$7.8 million. Science and Resilience Institute @ Jamaica Bay Development Funds. Solecki is the lead collaborator.
- NSF, \$1.3 million. Major research instrumentation grant for data storage, sharing, and preservations. Solecki is a named collaborator.
- NSF, \$1,300,000. Major research instrumentation grant for data storage, sharing, and preservations. Solecki is a named collaborator.
- NYC DEP, \$157,000. Title: Restoration of Salinity Gradients in Jamaica Bay, New York. Solecki is the P.I.
- Cities Alliance, \$75,000. Title: Assessment of Research on Climate Change in Cities (ARC3) Project Development. Solecki a co-P.I.
- IBM Smart Cities Initiative, \$60,000. Title: SmartWater for New York City Metropolitan Region, Solecki is a co-P.I.
- New York State Energy Research and Development Authority, \$1,007,000, Title: Integrated Assessment for Effective Climate Change Adaptation Strategies in New York State. Solecki is a co-P.I.
- Hudson River Improvement Fund, \$3,000, Title: Environmental Legacy of the Half Moon and the Sustainability Challenge; Nature and Environment of Metropolitan New York: 1609-2109. Solecki is a co-P.I.
- World Bank, \$25,000, Title: Adaptation Responses and Disaster Reduction. Solecki is the co-P.I.
- Sallan Foundation, \$25,610, Title: Cutting GHG Emissions from Buildings in New York City. Solecki is a co-P.I.
- World Bank, \$80,000, Title: Climate Change and Cities IPC3 Workshop. Solecki is a co-P.I.
- New Jersey Department of Environmental Protection, \$50,000, Title: Economic Impacts of Climate Change on New Jersey. Solecki is the P.I.

- Rausch Foundation, \$500,000, Title: Long Island 2035: Building Public Consensus around a Sustainable Future. Solecki is a co-P.I.
- Rockefeller Foundation, \$385,000, Title: Adaptation Strategies – New York City Panel on Climate Change. Solecki is the co-P.I.
- Landmarks West!, \$18,500, Title: Quantifying the Economic and Environmental Effects of Vegetation and Permeable Surfaces Within Brownstone Blocks on the Upper West Side of Manhattan. Solecki is the P.I.
- New York State Energy Research and Development Authority (NYSERDA), \$85,000, Title: Mitigating New York City’s Heat Island with Urban Forestry, Living Roofs, and Light Surfaces. Solecki is the co-P.I.
- NASA, 2005-2006, \$20,000, Title: Reason Can – NASA EOPS Higher Education Alliance: Mobilization of NASA EOS Data and Information through Webservices. Solecki is a co-PI.
- New York State Energy Research and Development Authority (NYSERDA), \$85,000, Title: Mitigating New York City’s Heat Island with Urban Forestry, Living Roofs, and Light Surfaces. Solecki is the co-P.I.
- Hudson River Improvement Fund, \$3,000, **Title:** Environmental Legacy of the Half Moon and the Sustainability Challenge; Nature and Environment of Metropolitan New York: 1609-2109. Solecki is a co-P.I.
- World Bank, \$25,000, **Title:** Adaptation Responses and Disaster Reduction. Solecki is the co-P.I.
- New York State Energy Research and Development Authority, \$1,007,000, **Title:** Integrated Assessment for Effective Climate Change Adaptation Strategies in New York State. Solecki is a co-P.I.
- City University of New York, \$16,500, **Title:** CUNY Sustainability Curriculum. Solecki is the P.I.
- World Bank, \$80,000, Title: Climate Change and Cities IPC3 Workshop. Solecki is a co-P.I.
- New Jersey Department of Environmental Protection, \$50,000, **Title:** Economic Impacts of Climate Change on New Jersey. Solecki is the P.I.
- Sallan Foundation, \$25,610, **Title:** Cutting GHG Emissions from Buildings in New York City. Solecki is a co-P.I.
- Rausch Foundation, \$500,000, **Title:** Long Island 2035: Building Public Consensus around a Sustainable Future. Solecki is a co-P.I.
- Rockefeller Foundation, \$385,000, **Title:** Adaptation Strategies – NPCC. Solecki is the co-P.I.
- Landmarks West!, \$18,500, **Title:** Quantifying the Economic and Environmental Effects of Vegetation and Permeable Surfaces Within Brownstone Blocks on the Upper West Side of Manhattan. Solecki is the P.I.
- PSC CUNY 2006-2007, \$3,000, Title: Consumption Landscapes in Metropolitan America. Solecki is the P.I.
- New York State Energy Research and Development Authority (NYSERDA), \$85,000, Title: Mitigating New York City’s Heat Island with Urban Forestry, Living Roofs, and Light Surfaces. Solecki is the co-P.I.
- CUNY PEER Award Program, \$30,000, Title: The Urban Heat Island in New York City. 2004-2005. Solecki is a co-P.I.

- PSU CUNY 2003-2005, \$3,000, Title: Land Use Change and Urban Spatial Development: Comparative Analysis of Metropolitan New York and Shanghai. Solecki is the P.I.
- NASA, 2005-2006, \$20,000, Title: Reason Can – NASA EOPS Higher Education Alliance: Mobilization of NASA EOS Data and Information through Webservices. Solecki is a co-PI.
- New York City, Department of Environmental Protection, 2003-2004, \$50,000. Title: Climate Impact Assessment of Environmental Infrastructure Systems. Solecki is co-P.I.
- U.S. National Science Foundation, Geography and Regional Science Program, 2003-2004, \$35,000. Title: Title: An International Conference on the Urban Dimensions of Environmental Change: Science, Exposures, Policies, and Technologies Solecki is the P.I.
- National Oceanic and Atmospheric Administration, 2002-05, \$300,570. Title: Climate Change Information for Urban Policy and Decision Making. Solecki is a co-P.I. Solecki sub-contract is \$28,000.
- U.S. Dept. of Housing and Urban Development. 2001-2004, \$399,654. Title: Montclair, New Jersey Community Outreach Partnership Center. Solecki is a project member. Solecki sub-contract is \$30,900.
- Montclair State University, Separately Budgeted Research Program, 2002. \$1,500. Title: The Built Environment, Energy Demand and Greenhouse Gas Production: Case Study of the Newark, NJ Region. Solecki is the P.I.
- N.J. Department of Environmental Protection. 2001-2002, \$20,000. Urban Heat Island and Climate Change in the Greater Camden, NJ Region. Solecki is the P.I.
- U.S. Environmental Protection Agency. STAR Program, 2000-2003, \$1.5 million. Title: Modeling Heat and Air Quality Impacts of Changing Urban Land Uses and Climate. Solecki is a co-P.I. Solecki sub-contract is \$189,000.
- Montclair State University, Global Education Grant. 2000. \$2,300. Title: The Impact of Globalization on Metropolitan Land Use: A Comparative Study of New York, USA, and A Shanghai, China.
- U.S. Environmental Protection Agency, 2000. \$40,000. Title: Climate Change and the Urban Heat Island Effect. Solecki is the co-P.I.
- Montclair State University, Separately Budgeted Research Program, 2000. \$3,000. Title: Impact of Potential Climate Change on the Hackensack Meadowlands. Solecki is the P.I.
- Montclair State University, Sokol Faculty/Student Research Program, 2000. \$2,000. Title: Impact of Potential Climate Change on the Hackensack Meadowlands. Solecki is the P.I.
- Montclair State University, Global Education Grant. 1999. \$3,000. Title: A Comparative Case Study of Land Use/Land Cover Change in Northern New Jersey, Southern Florida, and Northern China. Solecki is the P.I.
- U.S. National Science Foundation, 1999. \$425,000. Title: Climate Change and a Global City: An Assessment of the Metropolitan East Coast Region. Solecki is the P.I. with Cynthia Rosenzweig, NASA/GISS. Funds housed at Columbia University. Additional funding of \$100,000 coming from the Columbia Earth Institute, Columbia University.
- Montclair State University, 1999. \$1,000. Title: The Role of Contextual Factors in Driving Recent Land Use/Land Cover Change in Northern New Jersey. Solecki is the P.I.
- U.S. National Science Foundation, 1998. \$20,000. Title: Potential Climate Change Impacts for the Greater New York Metropolitan Area Assessment. Solecki is the P.I. Subcontract with Columbia University.

- Montclair State University, Global Education Center, 1998. \$2,296 Title: Human Dimensions of Global Environmental Change. Solecki is the P.I.
- Montclair State University, Global Education Center, 1997. \$1,250. Title: Curriculum on Environmental Management in Mega-Cities. Solecki is the P.I.
- Montclair State University, Technology Grant. 1998. \$1,150. Title: Development of remotely sensed data for Northern New Jersey. Solecki is the co-P.I.
- Montclair State University, Alumni Association Faculty Grants. 1998. \$1,500. Title: Land Use/Land Cover Change in the Passaic-Hackensack River Watershed of Northern New Jersey. Money to go to graduate student salary. Solecki is the P.I.
- Montclair State University, Separately Budgeted Research Grants. 1998. \$2,400. Title: Land Use/Land Cover Change in the Passaic-Hackensack River Watershed of Northern New Jersey.
- U.S. National Science Foundation/Instrumentation and Laboratory Improvement Program, 1998. \$71,500. Title: An Expansion of Geographic Information Technologies in the Undergraduate Curriculum in the Department of Earth & Environmental Studies at Montclair State University. Solecki is the P.I.
- U.S. National Academy of Sciences/MacArthur Foundation, 1997. \$6,500. Title: The Interaction Between Population Growth and Land Use Change - Tri-Academy Data Study. Solecki is the P.I.
- U.S. National Academy of Sciences/MacArthur Foundation, 1996-7. \$25,000. Title: The Interaction Between Population Growth and Land Use Change - The South Florida Component. Second year funding. Solecki is the co-P.I. Additional funding for the project will come from a National Institutes of Health expenditure (approximately \$50,000).
- Florida Department of Environmental Protection, 1996-8. \$93,000. Title: Petroleum Contamination Site Scoring as Comparative Risk Assessment. Solecki is the P.I.
- U.S. National Academy of Sciences/MacArthur Foundation, 1995-6. \$30,000. Title: The Interaction Between Population Growth and Land Use Change - The South Florida Component. Solecki is the co-P.I.
- Florida State University, Committee on Faculty Research Support, Summer 1994. \$6,971. Title: Ecological Sustainability Planning and Dynamic Social Systems in Biosphere Reserve Regions. Solecki was the P.I.
- U.S. Man and the Biosphere/U.S. Department of State. 1993-1996. \$71,000. Title: Ecological Sustainability and Human Institutions: Case Studies of Three Biosphere Program - Phase II. Solecki was the sub-contract co-P.I.
- U.S. Man and the Biosphere/U.S. Department of State. 1991-1993. \$40,000. Title: Ecological Sustainability and Human Institutions: Case Studies of Three Biosphere Program - Phase I. Solecki was the sub-contract P.I. Phase I.
- New Jersey Department of Environmental Protection, 1989. \$50,000. Title: State litter survey and geographical analysis. Solecki was a Project Manager.
- National Geographic Society, 1988-90. \$40,000. Title: Toxic Risksapes: The Geography of Acute Airborne Releases. Solecki was a Research Assistant.
- New Jersey Dept. of Higher Education, 1986-87. \$16,050. Fostering Global Thinking: A Model Instructional Program. Solecki was Project Team Member.
- New Jersey Institute of Technology, 1986-87, \$10,000. Title: Assessing Population Vulnerability and risk from acute toxic releases. Solecki was the Research Assistant.

Professional Presentations (selected 2012-)

Invited Presentations

Solecki has made numerous invited presentations including at Yale School of Environment and Forestry, Rutgers University, MIT Urban Studies and Planning, University of South Carolina, Colgate University, Pennsylvania State University, Stanford Wood Institute for the Environment, American Geographical Society, City of Warsaw, National University of Ireland – Maynooth, Columbia University, New York University, University of Rhode Island, City College of CUNY, Baruch College of CUNY, CW Post University, University of Maryland, Rockefeller Foundation, University of South Carolina, Florida International University, University of Warsaw, University College London – Royal Holloway, National Research Council, Arizona State University – CAP-LTER, National Council for Science and the Environment, University of Michigan, University of Arizona.

Conference Presentations

Solecki has presented as a panelist or speaker at numerous international conferences since 2010 including at the Adaptation Futures Conference, the Transformation Conference, Earth System Governance Conference, International Geographical Union.

Solecki has presented as a panelist or speaker at numerous national conferences since 2010 including at the American Association of Geographers, AAAS Annual Conference, American Geographical Union, American Society of East European and Eurasian Studies Hazards Workshop, and American Meteorological Society.

Solecki has presented as a panelist or speaker at numerous regional conferences since 2010 including at the American Association of Geographers, Middle States Division American Geographical Union, and NY Academy of Sciences.

Selected Conference Sessions Organized

Solecki has organized dozens of conference sessions including at the American Association of Geographers, American Geophysical Union, Adaptation Futures, World Urban Forum, Open Meeting of the Human Dimensions of Global Environmental Change Research Community, and Society for Risk Analysis.

Conferences/Workshops Organized

Solecki has organized or co-organizer numerous workshops including the First International Conference on the Urban Dimensions of Environmental Change: Science, Exposures, Policies, and Technologies; New York as a Biosphere Reserve Roundtable, New York, NY, November; Climate Variability and Change in Cities: Interconnections and Critical Research Needs Workshop, New York, NY. February; Climate Change and a Global City: The Impacts of Potential Climate Variability and Change on the New York Metropolitan Region; New Methods for Hazards Research in Geography. Hazards Specialty Group of the AAG Conference.

Honor/Awards (pre-2005)

- NPCC, co-chair, award – Steward of the Harbor – Metropolitan Waterfront Alliance
- Committee membership on NSC National Academies (NRC), Member of Scientific

- Committee on Problems of the Environment (SCOPE), 2005-2007.
- Executive committee membership on the International Geographical Union Mega-cities Task Force Executive Committee, Summer 2005.
 - Scientific Steering Committee on the International Human Dimensions Programme Urbanization and Global Environmental Change Project, Summer 2005.
 - Committee membership on the International Human Dimensions Programme, Urban Dimensions Task Group, Spring 2003.
 - Committee membership on the International Human Dimensions Programme, LOICZ-IHDP Task Group, Fall 2002.
 - Committee membership on the International Geographical Union - Megacity Taskforce, Summer 2002.
 - Inducted into *Phi Kappa Phi* International Honor Society, Spring 2002.
 - Committee membership on the UNESCO-MAB, Urban Biosphere Reserve Committee, Fall 2001.
 - Committee membership of the U.S. National Academy of Sciences, U.S. National Committee on the Scientific Committee on Problems of the Environment (SCOPE). Fall 2000.
 - One of a limited number of scholars provided with supplemental funds to attend to the International Geographical Union meeting in Seoul, South Korea. \$1,000 provided by the U.S. National Science Foundation via the American Association of Geographers .
 - One of 15 scholars invited to participate in a workshop on Climate Change and Cities at the Global Change Institute, Aspen CO, July, 1999.
 - Committee Membership of the U.S. National Academy of Sciences research panel, Population and Land Use Project. Summer 1998.
 - President's Travel Grant, Florida State University, Spring 1997.
 - Association of American Geography, Special Conference Funds Program - Innovation of non-Geography scholars to the 1997 annual meeting of Association of American Geography, Fall 1996.
 - President's Travel Grant, Florida State University, Spring 1996.
 - Association of American Geography, Special Conference Funds Program - Innovation of non-Geography scholars to the 1996 annual meeting of Association of American Geography, Fall 1995.
 - Florida State University Teaching Incentive Program, Winner, Fall 1995.
 - Florida State University Teaching Award, Nominated, Spring 1995.
 - President's Travel Grant, Florida State University, Spring 1994.
 - Florida State University Teaching Award, Nominated, Spring 1993.
 - President's Travel Grant, Florida State University, Spring 1992.
 - J. Warren Nystrom Dissertation Award Finalist, Association of the American Geographers, 1992.
 - Council on Research and Creativity, Florida State University, Summer Salary Award, 1992.
 - Natural Hazards Center - University of Colorado, Quick Response Program, proposal nominated to received funding, 1991.
 - Rutgers University, Dean's Dissertation Grant 1988, 1989.
 - Rural Policy Dissertation Fellowship Finalist, Woodrow Wilson National Fellowship

Foundation, 1989.

- Student Essay Award on the future of Geography, Co-Winner, Metropolitan State College, Denver, Colorado, 1986.
- Arthur Rose Teaching Assistantship Award, Columbia University, 1983.

Service Highlights

Solecki has served in a variety of capacities as a geographer on local, state, national and international associations, panels, committees and boards. He served as the co-chair of the New York City Panel on Climate Change for 11 years, as an author/coordinating lead author on the Third and Fourth US National Climate Assessment, and as an author/coordinating lead author on the Intergovernmental Panel on Climate Change, Fourth, Fifth, and Sixth Assessments including the instrumental *Special Report on 1.5°*. Solecki served on the Scientific Steering Committee of the Urbanization and Global Environmental Change Project of the IHDP, representative to Climate Summit for Mayors as Climate Summit for Mayors as part of COP15, Copenhagen, Denmark, December, 2009, and as part of COP21, Paris, France, December, 2015. Scientific Steering Committee of the Cities and Climate Change: Responding to the Urgent Agenda, World Bank Conference, Marseille, France, June, 2009; Cities and Climate Conference with the IPCC, Edmonton, Canada, March 2018; Scientific Steering Committee, Managed Retreat Conference, June 2019 and June 2021; and President, Nature Network of Tri-State Metropolitan Region.

Within Geography, Solecki first became a member of the AAG in 1984 and has served as Chair of the Human Dimension of Global Change Specialty Group, and Hazards Specialty Group and other capacities within those specialty groups and other specialty groups over the years. He served on editorial board of the *Professional Geographer* from 2001-2004. Solecki served as a member of Geographical Sciences Committee of the US National Research Council, from 2015 to 2019. He also served on the NSF review panel of the Geography and Spatial Sciences Program. He also has given numerous Geography Awareness Day presentations to local schools, and organized Geography awareness events within his home institution.

Reviewer - Selected

Manuscripts

Annals of the American Association of Geographers; Climate Research; Environmental Hazards; Environmental Management; Geoforum; Growth and Change; Journal of Environmental Management; Journal of Geography; Professional Geographer; Risk: Health, Safety & Environment; Social Science Quarterly; Urban Ecosystems; Urban Geography

Proposals

Intergovernmental Panel on Climate Change, 2000-Settlement and Energy Section Review; National Science Foundation - Geography and Regional Science Program; National Science Foundation - Dissertation Grant Program; National Oceanographic and Atmospheric Administration, Human Dimensions of Global Change Research Program; National Geographic Society.

Community Service

Solecki has extensive community service including with the Highland Park, NJ Shade Tree Committee, lectures on climate change to local New Jersey schools, member of advisory board for Bergen Swan (Save the Watershed Action Network) a Bergen County/Upper Hackensack River Environmental

Organization; board member of the New York State Nature Conservancy, member of the Essex County Environmental Commissions, and member, North Florida Regional Planning Council, Local Emergency Planning Council.

University/College/Department Service

Solecki has served in numerous roles over this thirty-year academic career including being asked to serve as department chair during two different periods, institute director for two different entities, program director, and committee head in a wide variety of settings. As well as taking on various other responsibilities including Welcome Day activities, Earth Day activities, World's Fair, GIS Lab Open House and as well as faculty mentor for Sigma Xi Student Research Conference presenter.

Courses Taught

Climate Change and Cities – undergraduate and graduate
Conservation of Natural Resources - undergraduate
Environmental Hazards – undergraduate and graduate
Environmental Problems/Environmental Science - undergraduate
Field Methods in Geography (team taught) - undergraduate
Global Land Use and Sustainability
Geographic Information Systems – undergraduate and graduate
Geographic Research Design - graduate
Human Dimensions of Global Environmental Change - graduate
Human Geography - undergraduate
Introduction to Geographic Research Methods – graduate
Introduction to Physical Geography Laboratory - undergraduate
Land Use and Urban Spatial Development – graduate
Land and Life.
Natural Resources and Environmental Policy - undergraduate
Natural Resources Assessment and Analysis - graduate
Nature and Environment of New York City – CUNY Honors College - undergraduate
Nature and Environment of New York City – undergraduate and graduate
Peopling of New York – CUNY Honors College - undergraduate
Population and Land Use - undergraduate
Research Methods - undergraduate
Research Project in Environmental Studies - undergraduate
Seminar in Environmental Management - graduate
Urban Dimensions of Global Environmental Change – undergraduate and graduate
Urban Spatial Development - graduate
Water Resources Management - graduate
World Regional Geography - undergraduate

Interviews Granted

Asbury Park Press, Bergen Record, EOS, Home News Tribune, The New Yorker New York Times, Newark Star-Ledger, New York Magazine, Philadelphia Inquirer, Reuters, Science News, Treasury and Risk Management magazine, Washington Post, and WCSB-TV National, WB11 and NY1 television stations, WNET-TV, Brian Lehrer Show/WNYC Public Radio, among others.

Graduate Student Advisement

Ph.D. Dissertation Advisor

Currently serving as dissertation advisor for five Earth and Environmental Science Program students at the City University of New York, Graduate Center.

Master's Thesis Advisor

Currently serving as thesis advisor for two Department of Geography, Hunter College students.

Other Student Advisement/Activities

Solecki Has served/is serving on approximately a dozen doctoral dissertation committees and two-plus dozen masters thesis committees and three dozen Directed Independent Study Advisor/Senior Thesis Mentor from 1991 to present.

Professional Associations

American Association of Geographers

American Geophysical Union

American Geographical Union

American Association of Eastern Europe and Eurasian Studies

Biographical Information

Date of Birth: August 15, 1962

Place of Birth: New York, NY

Citizenship: U.S.A.