
Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

Public Records Statement

I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.

I Agree

tbendor@gmail.com

Email Address

Todd

First Name

Bendor

Last Name

Middle Initial

904 Coker Dr.

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27517

Postal Code

Mobile: (217) 417-6355

Primary Phone

Home: (919) 843-5990

Alternate Phone

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

What district do you live in? *

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

If you are a Chapel Hill Resident, How long have you lived here?

Greater than 10 years

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

Which Boards would you like to apply for?

Stormwater Management Utility Advisory Board: Eligible

Question applies to Stormwater Management Utility Advisory Board

Select a Seat Category for the Stormwater Management Utility Advisory Board *

Owners of Single-Family Residential Property within Chapel Hill

Which Board is your First Choice? *

Stormwater Management Utility Advisory Board

How did you find out about this opportunity? (select all that apply)

Email

If you chose "Other" from the advertising opportunity listed above, please specify:

Interests & Experiences

What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

I have been a UNC professor for 13 years, and my research and teaching focus on environmental planning, specifically on ecological restoration, environmental markets, urban flooding, and urban climate adaptation. I have also a Chapel Hill/Carrboro resident since 2007. When I moved here, this region was in the midst of the 2nd drought of record (behind 2001), which definitely gave me an appreciation for how the infrastructure is managed

Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.

Stormwater Advisory Board: I have worked with CH stormwater employees for years with regards to research and teaching. I have performed many studies of stormwater issues in the Triangle, including work on stormwater utilities. My skills span from planning, GIS, analysis, grant writing, research design, OWASA: I have worked with the OWASA sustainability and planning staff (Mary Tiger, Pat Davis, Ed Holland) for many years, who have taken part in a course I teach on impact assessment. I have a strong interest in water infrastructure and have significant experience with environmental and infrastructure planning.

Question applies to multiple boards

[bendor_cv_7-23-](#)

[20_ForCHApplication.pdf](#)

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

Ethnicity *

Caucasian/Non-Hispanic

Gender *

Male

If other, please describe:

Please select your age from the following list. *

35-54

UNC Professor

Occupation

Are you a caregiver for or identify with a disability?

Yes No

Have you participated in the Peoples Academy?

Yes No

Are you a Town of Chapel Hill employee?

Yes No

Ethics Statement

ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.” Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

I Agree *

Question applies to multiple boards

Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.

Todd Bendor

CONTACT INFORMATION

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University of North Carolina at Chapel Hill
New East Building, CB #3140
Chapel Hill, NC 27599-3140
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Odum Institute for Research in Social Science
University of North Carolina at Chapel Hill
Davis Library (Suite 231B), Campus Box #3355
Chapel Hill, NC 27599-3140
Phone: 919.843.5990

Professional Website: <http://todd.bendor.org>

Departmental Website: <https://planning.unc.edu/faculty/bendor/>

EDUCATION

Ph.D. in Regional Planning

May 2007

University of Illinois at Urbana-Champaign (UIUC), Champaign, IL

- Dissertation topic: *Redistribution Effects of Wetland Mitigation over Space and Time.*
- Committee: Varkki Pallathucheril (Chair), Bruce Hannon, Nick Brozovic, and David Kovacic.
- Earned Center for Teaching Excellence 'Graduate Teaching Certificate.'

2004 Santa Fe Institute Complex Systems Summer School

July 2004

- Selected to enroll in course and project work at highly selective complexity workshop.
- Created agent-based model of land-use change and climate interaction.

M.S. in Environmental Science

August 2003

Washington State University (WSU), Pullman, WA

- Thesis topic: *Simulating Scrappage and Feebate Programs for Reduced Automobile Emissions.*
- Advisor: Andrew Ford.

B.S. in System Dynamics (Distinction)

May 2002

Worcester Polytechnic Institute (WPI), Worcester, MA

- Senior thesis: *The System Dynamics of Automobile Fuel Economy.* Advisor: Jim Lyneis.
 - Junior thesis: *Risk Amplification of GMOs in Europe* (Completed in Basel/Zurich, Switzerland). Advisor: Wesley Jamison.
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PROFESSIONAL EXPERIENCE

Assistant (2007-2013)/Associate (2013-2018)/ Professor (2018- 2020)/ Distinguished Professor of Sustainable Community Design (2020-)

2007 - Present

Department of City and Regional Planning, University of North Carolina at Chapel Hill

- Director, Odum Institute for Research in Social Science (2018-Present)
- Faculty Fellow, Center for Urban and Regional Studies (CURS)
- Faculty Member, UNC Environment, Ecology, and Energy Program

Honorary Visiting Professor

Fall 2016

Center for Advanced Spatial Analysis, University College-London, London, UK

2012 Frederick J. Clarke Fellow

Spring 2012

Institute for Water Resources, U.S. Army Corps of Engineers, Alexandria, VA

Visiting Scholar

Spring 2012

*Department of Urban Studies and Planning, Massachusetts Institute of
Technology, Cambridge, MA*

Visiting Professor

Fall 2011

*Géographie-cités (CNRS Research Project), Institut de Géographie, Université
Paris 1 (Panthéon-Sorbonne), Paris, France*

HONORS

- UNC Center for Urban and Regional Studies (CURS) Scholar in Residence (Fall 2017)
 - Outstanding Summer Course Award, Huazhong Agricultural University, Wuhan, China (Summer 2014)
 - Frederick J. Clarke Scholar – Institute of Water Resources, U.S. Army Corps of Engineers (Spring 2012)
 - Lone Mountain Fellow – Property and Environment Research Center (July, 2010)
 - Sigma Xi National Scientific Research Society (Full Member, Elected 2009)
 - GlaxoSmithKline Faculty Fellow – Institute for Emerging Issues, N.C. State University (2009)
 - Outstanding Ph.D. Award, UIUC Department of Urban and Regional Planning (May 2007)
 - Dana Meadows Award, Best student paper presented at 2005 International System Dynamics Society Conference
 - University of Illinois Conference Travel Award: Omaha, Nebraska (May, 2004), Fort Worth, TX (Nov., 2006)
 - Philip Abelson Fellowship, Washington State University (2003)
 - Edward R. Meyer Scholarship, Washington State University (2003)
 - Institute Scholarship, Worcester Polytechnic Institute (2000-2002)
 - Admitted to WPI Zurich Project Center to complete junior thesis (2001)
 - Member of Phi Theta Kappa, international two-year honor society (1997)
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BIBLIOGRAPHY

Books

BenDor, Todd K. and Jürgen Scheffran. 2019. *Agent-Based Modeling of Environmental Conflict and Cooperation*. Boca Raton, FL: CRC Press.

Refereed Articles (* Denotes Student Author)

64. Schwaller, Nora Louise*, Sophie Kelmenson*, Danielle Spurlock, Todd K. BenDor. 2020. Political ideology and household-level attitudes towards flood protection in the face of coastal flooding. *Environmental Science and Policy (In Press)*.
63. Onda, Kyle*, Jordan Branham*, Todd K. BenDor, Nikhil Kaza, David Salvesen. 2020. Does removal of federal subsidies discourage development? An evaluation of the US Coastal Barrier Resources Act. *PLoS ONE* 15(6): e0233888.
62. BenDor, Todd K., David Salvesen, Christian Kamrath*, and Brooke Ganser*. 2020. Floodplain buyouts and municipal finance. *Natural Hazards Review* 21(3): 04020020.
61. Whittemore, Andrew H. and Todd K. BenDor. Rhetorical Framing in Planning: An Empirical Investigation of How Planners Discuss Density. *Journal of Planning Education and Research (In Press)*: <https://doi.org/10.1177/0739456X18774824>.
60. Whittemore, Andrew H. and Todd K. BenDor. 2019. Opposition to housing development in a suburban US County: Characteristics, origins, and consequences. *Land Use Policy* 88: 104158.
59. Frerichs, Leah, Natalie Smith, Kristen Hassmiller Lich, Todd K. BenDor, Kelly R. Evenson. 2019. A scoping review of simulation modeling in built environment and physical activity research: current status, gaps, and future directions for improving translation. *Health and Place* 57:122-130.
58. Tully K, Gedan K, Strong A, Bernhardt E, BenDor T.K., Mitchell M, Kominoski J, Jordan T, Neubauer S, Weston N. 2019. The invisible flood: the chemistry, ecology, and consequences of saltwater intrusion. *Bioscience* 69(5): 368-378.
57. Shoemaker, Douglas A., Todd K. BenDor, and Ross K. Meentemeyer. 2019. Integrating Urbanization and Ecosystem Service Models to Explore Alternative Regional Futures. *Computers, Environment, and Urban Systems* 74: 114–125
56. Sterling, E.J., Zellner, M., Jenni, K.E., Leong, K., Glynn, P.D., BenDor, T.K., Bommel, P., Hubacek, K., Jetter, A.J., Jordan, R., Schmitt Olabisi, L., Paolisso, M. and Gray, S., 2019. Try, try again: Lessons learned from success and failure in participatory modeling. *Elementa science of the Anthropocene* 7(1): 9.
55. Whittemore, Andrew H. and Todd K. BenDor. 2019. Reassessing NIMBY: The demographics, politics, and geography of opposition to high-density residential infill. *Journal of Urban Affairs* 41(4): 423-442.
54. Whittemore, Andrew H. and Todd K. BenDor. 2018. Exploring the Acceptability of Densification: How Positive Framing and Source Credibility Can Change Attitudes. *Urban Affairs Review* 55(5): 1339-1369.
53. Voinov, Alexey, Karen Jenni, Steven Gray, Nagesh Kolagani, Pierre D. Glynn, Pierre Bommel, Christina Prell, Moira Zellner, Eleanor Sterling, Michael Paolisso, Laura Schmitt Olabisi, Philippe J. Giabbanelli, Zhanli Sun, Christophe

- Le Page, Sondoss Elsworth, Todd K. BenDor, Klaus Hubacek, Bethany K. Laursen, Alison Singer, Jessica Brunacini, Laura Young. 2018. Tools and methods in participatory modeling: selecting the right tool for the job. *Environmental Modelling and Software* 109: 232-255.
52. Jordan, Rebecca, Steven Gray, Moira Zellner, Pierre D. Glynn, Alexey Voinov, Beatrice Hedelin, Eleanor J. Sterling, Kirsten Leong, Laura Schmitt Olabisi, Klaus Hubacek, Pierre Bommel, Todd K. BenDor, Antonie J. Jetter, Bethany Laursen, Alison Singer, Philippe J. Giabbanelli, Nagesh Kolagani, Laura Basco Carrera, Karen Jenni, and Christina Prell. 2018. Twelve Questions for the Participatory Modeling Community. *Earth's Future* 6(8): 1046-1057.
51. Bhattachan, Abinash, Ryan Emmanuel, Todd K. BenDor, and Marcelo Ardon-Sayao. 2018. Evaluating the effects of land-use change and future climate change on vulnerability of coastal landscapes to saltwater intrusion. *Elementa: Science of the Anthropocene* 6: 62.
50. Woodruff, Sierra, Todd K. BenDor, and Aaron Strong. 2018. Fighting the inevitable: infrastructure investment and coastal community adaptation to sea level rise. *System Dynamics Review* 34(1-2): 48-77.
49. BenDor, Todd K., Vivek Shandas, Brian Miles, Kenneth Belt, and Lydia Olander. 2018. Ecosystem Services and U.S. Stormwater Management: An Agenda for Improving Urban Stormwater Decisions. *Environmental Science and Policy* 88: 92-103.
48. Gray, Steven, Alexey Voinov, Michael Paolisso, Rebecca Jordan, Todd K. BenDor, Pierre Bommel, Pierre Glynn, Beatrice Hedelin, Klaus Hubacek, Josh Introne, Nagesh Kolagani, Bethany Laursen, Christina Prell, Laura Schmitt-Olabisi, Alison Singer, Eleanor Sterling, and Moira Zellner. 2018. Purpose, Processes, Partnerships, and Products: 4Ps to advance Participatory Socio-Environmental Modeling. *Ecological Applications* 28(1): 46-61.
47. Whittemore, Andrew H., and Todd K. BenDor. 2018. Talking about Density: An Empirical Investigation of Framing. *Land Use Policy* 72: 181-91.
46. Vitro, Kristen A. *, Miranda E. Welsh*, Todd K. BenDor, Aaron Moody. 2017. Ecological theory explains why diverse island economies are more stable. *Complex Systems* 26(30): 135-156.
45. Vitro, Kristen A. *, Todd K. BenDor, and J. Adam Riggsbee. 2017. Pre-listing conservation of candidate species under the endangered species act: An evaluation of prevalence, accessibility, and market-based conservation efforts. *Environmental Science and Policy* 74: 68-74.
44. Galik, Christopher, Todd K. BenDor, Julie DeMeester and David Wolfe. 2017. Improving Habitat Exchange Planning Through Theory, Application, and Lessons from Other Fields. *Environmental Science and Policy* 73: 45-51.
43. Vitro, Kristen A. *, Todd K. BenDor, Tania V. Jordanova*, Brian Miles*. 2017. A geospatial analysis of land use and stormwater management on fecal coliform contamination in North Carolina streams. *Science of the Total Environment* 603-604: 709-727.
42. BenDor, Todd K., Danielle Spurlock, Sierra Woodruff*, and Lydia Olander. 2017. A research agenda for ecosystem services in American environmental and land use planning. *Cities* 60 (Part A): 260-271.
41. Woodruff, Sierra* and Todd K. BenDor. 2016. Ecosystem services in urban planning: Comparative paradigms and guidelines for high quality plans. *Landscape and Urban Planning* 152: 90-100.
40. Widis, Daniel C. *, Todd K. BenDor, and Michael Deegan. 2015. Prioritizing Wetland Restoration Sites: A Review and Application to a Large-Scale Coastal Restoration Program. *Ecological Restoration* 33(4): 358-377.
39. Woodruff, Sierra* and Todd K. BenDor. 2015. Is Information Enough? The Effects of Watershed Approaches and Planning on Targeting Ecosystem Restoration Sites. *Ecological Restoration* 33(4): 378-387.
38. BenDor, Todd K., T. William Lester, Avery Livengood*, Adam Davis, Logan Yonavjak*. 2015. Estimating the Size and Impact of the Ecological Restoration Economy. *PLoS ONE* 10(6): e0128339.
37. BenDor, Todd K., Avery Livengood*, T. William Lester, Adam Davis, and Logan Yonavjak*. 2015. Defining and Evaluating the Ecological Restoration Economy. *Restoration Ecology* 23(3): 209-219.
36. Berry, Marisa* and Todd K. BenDor. 2015. Integrating Sea Level Rise into Development Suitability Analysis. *Computers, Environment, and Urban Systems* 51: 13-24.
35. BenDor, Todd K., Douglas A. Shoemaker*, Jean Claude Thill, Monica Dorning*, Ross K. Meentemeyer. 2014. A Mixed-Methods analysis of socio-ecological feedbacks between urbanization and forest persistence. *Ecology and Society* 19(3): 3.
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32. BenDor, Todd K., Tianshu Guo*, and Andrew Yates. 2014. Optimal Staging of Credit Releases in Ecosystem Service Markets. *Environmental Management* 53: 496–509.
31. Rissman, Jeffrey*, Sarav Arunachalam, Todd K. BenDor, Jason West. 2013. Equity and Health Impacts of Aircraft Emissions at the Hartsfield-Jackson Atlanta International Airport. *Landscape and Urban Planning* 120: 234-247.
30. Rissman, Jeffrey*, Sarav Arunachalam, Matt Woody, Jason West, Todd K. BenDor, H. Wong, and F. Binkowski. 2013. A plume-in-grid approach to characterize air quality impacts of aircraft emissions at the Hartsfield–Jackson Atlanta International Airport. *Atmospheric Chemistry and Physics* 13: 9285-9302.
29. Kaza, Nikhil and Todd K. BenDor. 2013. Land Value Impacts of Wetland Restoration. *Journal of Environmental Management* 127: 289-299.
28. BenDor, Todd K., James Westervelt, and Yan Song. 2013. Modeling park development through regional land use change simulation. *Land Use Policy* 30(1): 1-12.
27. BenDor, Todd K. and Nikhil Kaza. 2012. A Theory of Spatially Dynamic Reference Modes and System Archetypes. *System Dynamics Review* 28(2): 109-130.
26. BenDor, Todd K. 2012. The System Dynamics of Automobile American Fuel Economy. *Sustainability* 4: 1013-1042.
25. Oppenheimer, Kathleen* and Todd K. BenDor. 2012. A Comprehensive Solution to the Biofouling Problem for the Endangered Florida Manatee and other Species. *Environmental Law Review* 42(2): 415-467.
24. Doyle, Martin and Todd K. BenDor. 2011. Evolving Law and Policy for Freshwater Ecosystem Service Markets. *William & Mary Environmental Law & Policy Review* 36(1): 153-191.
23. BenDor, Todd K., J. Adam Riggsbee and Martin Doyle. 2011. Risk in Ecosystem Service Markets. *Environmental Science and Technology* 45(24): 10322-10330.
22. BenDor, Todd K., Philip Berke, Dave Salvesen, Yan Song, and Nora Lenahan*. 2011. Assessing Local Government Capacity to Manage and Model Military-Induced Growth in Eastern North Carolina. *Planning Practice and Research* 26(5): 531-553.
21. Van Schaack, Chandler* and Todd K. BenDor. 2011. A Comparative Study of Green Building in Urban and Rural North Carolina. *Journal of Environmental Planning and Management* 54(8): 1125-1147.
20. BenDor, Todd K. and J. Adam Riggsbee. 2011. Regulatory and Ecological Risk under Federal Requirements for Compensatory Wetland and Stream Mitigation. *Environmental Science and Policy* 14: 639-649.
19. BenDor, Todd K., Sara Metcalf, Mark Paich. 2011. The Dynamics of Brownfield Redevelopment. *Sustainability* 3(6): 914-936
18. BenDor, Todd K. and J. Adam Riggsbee. 2011. Effects of Federal Mitigation Rules on Wetland and Stream Mitigation Banking Risk. *Environmental Science and Policy* 14(3): 301-314.
Selected as Editor's Choice in Science: "Banking on Wetlands" (29 April, 2011; Science 332: 514)
17. BenDor, Todd K. and Audrey Stewart*. 2011. Land Use Planning and Social Equity in North Carolina's Compensatory Wetland Mitigation Program. *Environmental Management* 47(2): 239-253.
16. Westervelt, James, Todd K. BenDor and Joseph Sexton. 2011. A Technique for Rapidly Assessing Regional Scale Urban Growth. *Environment and Planning: B* 38(1): 61-81.
15. Berg, Hannah* and Todd K. BenDor. 2010. A Case Study of Form-Based Solutions for Watershed Protection. *Environmental Management* 46: 436-451.
14. Metcalf, Sara S., Emily Wheeler, Todd K. BenDor, Ken Lubinski, and Bruce M. Hannon. 2010. Sharing the Floodplain: Finding Common Ground through Mediated Modeling. *Environmental Modelling and Software* 25(11): 1282-1290.
13. BenDor, Todd K. and Martin Doyle. 2010. Planning for Ecosystem Service Markets. *Journal of the American Planning Association* 76(1): 59-72.
12. Hamstead, Zoe* and Todd K. BenDor. 2010. Nutrient Trading for Enhanced Water Quality: A Case Study of North Carolina's Neuse River Compliance Association. *Environment and Planning: C* 28(1): 1-17.
11. BenDor, Todd K., Joel Sholtes*, Martin Doyle. 2009. Landscape Characteristics of a Stream and Wetland Mitigation Banking Program. *Ecological Applications* 19(8): 2078-2092
10. BenDor, Todd K. Jim Westervelt, J.P. Aurambout, and William Meyer. 2009. Simulating Population Variation and Movement within Fragmented Landscapes: A Spatial Dynamic Model of the Gopher Tortoise (*Gopherus polyphemus*). *Ecological Modelling* 220: 867-878.
9. Scheffran, Jürgen, Todd K. BenDor, and Bruce M. Hannon. 2009. Bioenergy and Land Use: A Spatial-Agent Dynamic Model of Energy Crop Production in Illinois. *International Journal of Environment and Pollution* 39(1/2): 4-27.

8. BenDor, Todd K., Jürgen Scheffran, and Bruce M. Hannon. 2009. Ecological and Economic Sustainability in Fishery Management: A Multi-Agent Model for Understanding Competition and Cooperation. *Ecological Economics* 68(4): 1061-1073.
7. BenDor, Todd K. 2009. A Dynamic Analysis of the Wetland Mitigation Process and Its Effects on No Net Loss Policy. *Landscape and Urban Planning* 89: 17-27.
6. BenDor, Todd K., Nicholas Brozovic, and Varkki George Pallathucheril. 2008. The Social Impacts of Wetland Mitigation Policies in the United States. *Journal of Planning Literature* 22: 341-357.
5. BenDor, Todd K. and Nicholas Brozovic. 2007. Determinants of Spatial and Temporal Patterns in Compensatory Wetland Mitigation. *Environmental Management* 40(3): 349-364
4. BenDor, Todd K., Nicholas Brozovic, and Varkki George Pallathucheril. 2007. Assessing the Socioeconomic Impacts of Wetland Mitigation in the Chicago Region. *Journal of the American Planning Association* 73(3): 263-282.
3. BenDor, Todd K., Sara S. Metcalf, Lauren E. Fontenot, and Brandi Sangunett. 2006. Modeling the Emerald Ash Borer Spread: A Decision Support System for Invasive Species Eradication. *Ecological Modelling* 197: 221-236.
2. BenDor, Todd K. and Sara S. Metcalf. 2006. The Spatial Dynamics of Invasive Species Spread. *System Dynamics Review* 22(1): 27-50.
1. BenDor, Todd K. and Andrew Ford. 2006. Simulating a Combination of Feebates and Scrappage Incentives to Reduce Automobile Emissions. *Energy* 31: 1197-1214.

Book Chapters

- Woodruff*, Sierra, Kristen A Vitro*, and Todd K BenDor. 2018. GIS and Coastal Vulnerability to Climate Change. In: *Comprehensive Geographic Information Systems, Volume 2*. Elsevier: Oxford, England. Pgs. 236–257
- Kelmenson, Sophie*, Todd K. BenDor, and T. William Lester. 2017. The economic impacts of a single restoration project. In: *Economia Da Restauração Florestal (Forest Restoration Economy)*, edited by Rubens Benini and Sergio Adeodato. The Nature Conservancy: São Paulo, Brazil. (Published in Portuguese and English). Pgs. 92-105.
- Auerbach, Daniel A.* and Todd K. BenDor. Prospects for Pre-Listing Conservation in Freshwater Ecosystems. 2014. In: *Markets and the Endangered Species Act: Incentivizing Conservation Upstream of Regulation*, edited by Josh Donlan and Todd Gardner. University of California Press: Berkeley, CA. Pgs. 149-166.
- Westervelt, James and Todd K. BenDor. (2012). A Technique for Rapidly Forecasting Regional Urban Growth. In: *Ecologist-Developed Spatially-Explicit Dynamic Landscape Models*, edited by James Westervelt and Gordon Cohen. Springer-Verlag: New York. Pgs. 223-234.
- BenDor, Todd K, James Westervelt, J.P. Aurambout, and William Meyer. (2012). Simulating Gopher Tortoise (*Gopherus polyphemus*) Populations in Fragmented Landscapes: an Application of the FRAGGLE model. In: *Ecologist- Developed Spatially-Explicit Dynamic Landscape Models*, edited by James Westervelt and Gordon Cohen. Springer- Verlag: New York. Pgs. 171-195.
- Doyle, Martin and Todd K. BenDor. 2012. Markets for freshwater ecosystem services. In: *Aquanomics: Water Markets and the Environment*. Edited by D. Gardener and R. Simmons. Independent Institute Press: San Francisco, CA. Pgs. 17-42.
- Jamison, Wesley, Todd. K. BenDor, Adrienne. L. Kolpak, and Maureen A. McDonnell. 2004. Political and Social Risk Amplification of GMOs. In: *Handbook of Plant Biotechnology*, edited by Paul Christou. John Wiley & Sons: London. Pgs. 949-957.

Non-Refereed Published Works

- BenDor, Todd K. 2020. An Infrastructure Package Could Help America's Economy and the Environment. RealClear Energy. https://www.realclearenergy.org/articles/2020/06/23/an_infrastructure_package_could_help_americas_economy_-_and_the_environment_497042.html
- Martin Doyle, Lydia Olander, Ori Sharon, Sara Mason, and Todd K. BenDor. 2020. Compensatory Mitigation on Federal Lands. Duke University: Durham, NC. Nicholas Institute for Environmental Policy Solutions. <https://nicholasinstitute.duke.edu/publications/compensatory-mitigation-federal-lands>
- BenDor, Todd K, and David Salvesen. 2018. Improving NC's Floodplain Buyout Program. Coastal Review Online. November 2, 2018: <https://www.coastalreview.org/2018/11/improving-ncs-floodplain-buyout-program/>
- Salvesen, David, Todd K. BenDor, Christian Kamrath, and Brooke Ganser. 2018. Floodplain buyouts and municipal finance. Final report for UNC Policy Collaboratory. Chapel Hill, NC: University of North Carolina.
- BenDor, Todd K. 2017. Tampering with scientific advisory boards destroys public trust. Op-ed in the Raleigh News and Observer." May 17, 2017: <http://www.newsobserver.com/opinion/op-ed/article151130352.html>

- Final Report of the EPA Board of Scientific Counselors, Sustainable and Healthy Communities Subcommittee. 2017. SHC Topic 3: Sustainable Approaches for Contaminated Sites and Materials Management. Prepared by the Sustainable and Healthy Communities Subcommittee. Submitted to the Board of Scientific Counselors Executive Committee. January 26, 2017
- BenDor, Todd K. 2017. Analysis of Trail User Spending for the Rails to Trails Conservancy's Northeastern Trail Network. Rails to Trails Conservancy: Washington, D.C.
- Kelmenson, Sophie*, Todd K. BenDor, and T. William Lester. 2016. Economic Impacts of the US Ecological Restoration Sector. *Communities & Banking* Summer: 25-27.
- BenDor, Todd K. 2015. Saltwater intrusion a threat. Op-ed in the "Greenville Reflector." June 15, 2015: <http://www.reflector.com/opinion/other-voices/bendor-saltwater-intrusion-threat-2905969>
- BenDor, Todd K. and Kristen Vitro. 2014. Comments on "Policy Regarding Voluntary Prelisting Conservation Actions (Rulemaking)" by USFWS. [Action: FWS-R9-ES-2011-0099-0111] Comment ID: 1jy-8fck-g2cr.
- Hesselgrave, Taylor, Cathy Kellon, Todd K. BenDor, and Noah Enelow. Proposal for 2017 North American Industry Classification System (NAICS) Revision [NAICS designation for firms engaging in the ecological restoration industry]. In Response to 29 Fed Reg 99, 5/22/14. Docket number 17-0070. 29 pages.
- BenDor, Todd K. and Sierra Woodruff*. 2014. Comments on the Environmental Defense Fund and American Habitat Center Habitat Credit Exchange (HCEX) (FWS-R2-ES-2013-0134) by USFWS, "Notice of Intent to Prepare an Environmental Impact Statement for a Habitat Conservation Plan for Commercial Developments, Including Energy Developments, and Agricultural and Conservation Activities Within Six States" (79 FR 7472).
- BenDor, Todd K., T. William Lester, Avery Livengood*, Adam Davis, and Logan Yonavjak*. 2014. Exploring and Understanding the Restoration Economy. Final report to Walton Family Fund. Also UNC Center for Urban and Regional Studies white paper [Online]: <https://curs.unc.edu/files/2014/01/RestorationEconomy.pdf>
- BenDor, Todd K. and Sierra Woodruff*. 2014. Comments on the temporary/permanent nature of LPC habitat impacts. Formal comments submitted to federal rulemaking (FWS-R2-ES-2012-0071; 4500030113) by USFWS, "Endangered and Threatened Wildlife and Plants; Listing the Lesser Prairie-Chicken as a Threatened Species with a Special Rule" (50 CFR Part 17).
- BenDor, Todd K. and Sierra Woodruff*. 2014. Comments on the Western Association of Fish and Wildlife Agencies' Lesser Prairie-Chicken Range-Wide Conservation Plan. Formal comments submitted to federal rulemaking (FWS-R2-ES-2012-0071; 4500030113) by USFWS, "Endangered and Threatened Wildlife and Plants; Listing the Lesser Prairie-Chicken as a Threatened Species with a Special Rule" (50 CFR Part 17). Also published as UNC Institute for the Environment Whitepaper.
- BenDor, Todd K. and Sierra Woodruff*. 2014. Moving targets and biodiversity offsets for endangered species habitat: Is habitat a stock or flow? UNC Institute for the Environment Whitepaper.
- BenDor, Todd K. and Sierra Woodruff*. 2014. Preliminary Analysis of the Habitat Credit Exchange (HCEX). UNC Institute for the Environment Whitepaper.
- Berkey, Kathleen Oppenheimer* and Todd K. BenDor. 2013. A Comprehensive Solution to the Biofouling Problem for the Endangered Florida Manatee & Other Species. *Planning and Law* (Summer 2013): 7. Planning and Law Division of the *American Planning Association*.
- BenDor, Todd K. and Robert Goodspeed. 2013. Keeping Up with the Field: Computerized Tools for Tracking Research and New Ideas. *Planetizen* (Tuesday, Feb 5, 2013). [Online]: <http://www.planetizen.com/node/60607>
- Leitelt, Lyle* and Todd K. BenDor. 2010. Developing a Solar Energy Potential Map for Chapel Hill, NC. *Planning Advisory Service Memo*. (November/December 2010). [Also Online]: <http://www.planning.org/pas/memo/2010/nov/>
- BenDor, Todd K., Joel Sholtes*, and Martin Doyle. 2010. Landscape Characteristics of a Stream and Wetland Mitigation Banking Program (abstract). *National Wetlands Newsletter* 32(4): 16
- BenDor, Todd K. and Martin Doyle. The Authors Respond. *National Wetlands Newsletter* 32(4): 21
- BenDor, Todd K. and Chandler Van Schaack*. 2010. Greener building for a growing rural NC," Op-Ed in *Asheville Citizen-Times* (Asheville, NC: April 20, 2010): <http://www.citizen-times.com/apps/pbcs.dll/article?AID=2010100419033>
- BenDor, Todd K., J. Adam Riggsbee, and George Howard. 2010. A Survey of Mitigation Banker Perceptions and Experiences Under the 2008 Federal Mitigation Regulations. *National Wetlands Newsletter* 32(2): 11-15.
- Doyle, Martin and Todd K. BenDor. "Stream Restoration: Who Really Benefits," Op-Ed in *Raleigh News and Observer* (Raleigh, NC: December 8, 2009): http://www.newsobserver.com/opinion/columnists_blogs/other_views/story/242385.html

- BenDor, Todd K., J. Adam Riggsbee, and George Howard. "Mitigation Bankers Say New Rule Heightens Old Conflicts: Survey." Op-Ed at *Ecosystem Marketplace* (November 20, 2009; [EMP is a major, worldwide clearinghouse for ecosystem services and market information]): http://ecosystemmarketplace.com/pages/article.opinion.php?component_id=7231&component_version_id=11043&language_id=12
- BenDor, Todd K. "A New Form of Water-Quality Protection," Op-Ed in *Raleigh News and Observer* (Raleigh, NC: November 1, 2009): http://www.newsobserver.com/opinion/columnists_blogs/other_views/story/166402.html.
- BenDor, Todd K. and J. Adam Riggsbee. A National Survey of Federal Mitigation Regulations and their Impacts on Wetland and Stream Banking. Report to the National Mitigation Banking Association (NMBA) (Orlando, FL).
- BenDor, Todd K. "BRAC Demands Require Creativity," Op-Ed in *Fayetteville Observer* (Fayetteville, NC: July 9, 2009): <http://www.fayobserver.com/Articles/2009/07/08/915698>.
- Berke, Phillip, Todd K. BenDor, Dave Salvesen, Yan Song and Nora Lenahan*. 2009. "Building Local Government Capacity to Manage Growth in Eastern North Carolina." A Report to support the Southeast Regional Partnership for Planning and Sustainability (SERPPAS). Center for Sustainable Community Design, Institute for the Environment. University of North Carolina at Chapel Hill: Chapel Hill, NC.
- BenDor, Todd and Martin Doyle. "Build the Environment, Too," Op-Ed in *Raleigh News and Observer* (Raleigh, NC: March 5, 2009): <http://www.newsobserver.com/opinion/columns/story/1428828.html>.
- BenDor, Todd K. and Nicholas Brozovic. 2007. The Role of Regulatory Change on Wetlands Mitigation. *The National Wetlands Newsletter*, 29(4): 10-13, 21.
- BenDor, Todd K., Jeff M. Bielicki, Brian S. Powell, and Derrick T. Robinson. 2004. Modeling Feedback Mechanisms Between Land Use and Climate Change. Proceedings of the 2004 Santa Fe Institute Complex Systems Summer School, Santa Fe, NM (June 6–July 3, 2004). Paper and plenary session presentation.

Conference Papers and Presentations (list available upon request)

TEACHING ACTIVITIES

Courses Taught (All syllabi available at: <http://todd.bendor.org/teaching>)

- PLAN 055: *Freshman Seminar – Sustainable Cities*. Fall 2014 (15 students)
- PLAN 641: *Ecology and Land Use Planning*. Fall 2014 (16 students), Fall 2015 (20 students), Fall 2017, Fall 2018, Spring 2020
- PLAN 721: *Advanced Planning Methods*. Spring 2015 (25 students), Spring 2016 (21 students), Spring 2017 (14 students), Spring 2018
- PLAN 722: *Systems Thinking and Modeling for Planners*. Spring 2015 (22 students), Spring 2016 (18 students), Spring 2017 (16 students), Spring 2018, Fall 2018
- PLAN 745: *Development Impact Assessment*. Spring 2015 (11 students), Spring 2016 (13 students), Spring 2017 (22 students), Spring 2018, Fall 2019, Fall 2020 (22 students)
- PLAN 911: *Academic Publishing for Planning Graduate Students (PhD seminar)*. Fall 2015 (15 students), Spring 2019 (9 students)
- PLAN 911: *Grant and Proposal Writing in Planning (PhD seminar)*. Spring 2016 (11 students)
- PLAN 911: *Professional Development (PhD seminar)*. Fall 2018 (10 students)
- Teaching activities at UNC Odum Institute for Research in the Social Sciences: *Introduction to Agent-Based Modeling, Introduction to Systems Thinking and System Dynamics Modeling, Academic Publishing 101* (2014–Present)
- 2015-2016 Instructor in "Data Matters" Data Science Short Course Series" for National Consortium on Data Science: *Simulation Strategies in Data Science: System Dynamics and Agent-based Modeling*

GRANTS

- 2019-2020: Innovating floodplain buyouts: evaluating the buyout process and physical risk reduction through buyout targeting. Improving North Carolina's Resilience to Coastal Riverine Flooding. UNC Policy Collaboratory (PI) (\$424,878, 11.11% effort)
- 2019-2020: Improving North Carolina's Resilience to Coastal Riverine Flooding. UNC Policy Collaboratory (Co-PI) (\$91,375 [\$337,000 total], 0% effort)
- 2019-2020: Mitigating the impacts of WOTUS uncertainty on North Carolina. UNC Policy Collaboratory (Co-PI) (\$34,166, 0% effort)

- 2019-2021: Dynamics of Extreme Events, People, and Places (DEEPP). UNC Office of the Vice Chancellor for Research, Creativity Hub Pilot Award (Co-PI) (\$500,000, 0% effort)
- 2018-2019: Development of Water Quality Trading Data and Resources to Support Environmental Markets. USDA Office of Environmental Markets (PI) (\$25,000, 22.22% effort)
- 2018-2021: RCN: Smart Civic Engagement in Rapidly Urbanizing Regions. NSF Smart & Connected Communities (SCC # 1737563) (Co-PI), (\$41,237, 11.11% effort)
- 2017-2018: Are Floodplain Buyouts a Smart Investment for Local Governments? UNC Policy Collaboratory (Co-PI) (\$75,000, 11.11% effort)
- 2017-2020: "How does removal of infrastructure subsidies alter development? Evaluating the impact of the U.S. Coastal Barrier Resources Act." NSF Geography and Spatial Sciences (GSS #1660450) (PI) (\$348,507, 11.11% effort)
- 2015-2020: Salinization of the inland coastal plain through saltwater intrusion: landscapes in transition along the leading edge of climate change." NSF Coastal SEES (#1427188) (Co-PI) (\$357,340 total amount, 11.11 % effort)
- 2013: "The Restoration Economy." The Conservation Fund (PI) (\$10,000, 0% effort)
- 2013-2014: "A National Survey of Jobs Associated with The Restoration Economy." Blue Moon Fund (PI) (\$58,000, 6.3% effort)
- 2013: "Understanding and Exploring the Restoration Economy." Walton Family Fund (PI) (\$30,000, 4% effort)
- 2012 – 2014: "Ecosystem Services as an Alternative Foundation for Development, Urban Planning, and New Water Infrastructure in the U.S." National Academies Keck Futures Initiative (NAKFI) (Co-PI) (\$25,694, 5.2% effort)
- 2010 – 2012: "Decision Support System Frameworks for Eastern North Carolina." DoD Southeast Regional Partnership for Planning and Sustainability Program (SERPAS) (Co-PI) (\$50,000, 5% effort)
- 2010 – 2013: "Hierarchical Analysis of Socio-Ecological Interactions in the Charlotte Metropolitan Region: Can Urbanization, Forest and Working Lands Coexist?" NSF ULTRA-Ex (#0949170) (Co-PI). (\$13,966, 5.55% effort)
- 2010 – 2012: "Reconciling Human and Natural Systems for the Equitable Provision of Ecosystem Services in the Triangle of North Carolina." NSF Ultra-Ex (#0948181) (Senior personnel) (\$92,903, 0% effort)
- 2010: "Urban Growth and Environmental Markets to Achieve Pollution Neutrality." UNC Junior Faculty Development Grant (PI) (\$7,500, 0% effort)
- 2008 – 2010: "Academic Workshop Follow-up: Research to Promote a Sustainable Southeast." DoD Southeast Regional Partnership for Planning and Sustainability Program (SERPAS) (Co-PI) (\$64,685, 7.5% effort)
- 2009 – 2010: "Academic Workshop Follow-up: Research to Promote a Sustainable Southeast." DoD Southeast Regional Partnership for Planning and Sustainability Program (SERPAS) (Co-PI) (\$55,120, 8% effort)
- 2009 – 2011 "Does Environmental Restoration increase Land Values and Tax Base?: Wetlands as a New Type of Infrastructure Amenity." UNC University Research Council Grant (PI) (\$5,000, 0% effort)
- 2009 – 2009 GlaxoSmithKline Faculty Fellowship. Institute for Emerging Issues, NC State University (PI) (\$15,000, 0% effort)
- 2008 – "Assessment of North Carolina Ecosystem Enhancement Program." UNC Institute of the Environment, Center of Landscape Change and Health (PI) (\$7,000, ~6% effort)
- 2007 – "Urban Land Use Modeling Feasibility Study for North Carolina." Renaissance Computing Institute (RENCI). (PI) (\$7,200, 8.3% effort)

PROFESSIONAL SERVICE

Department of City and Regional Planning (UNC-Chapel Hill) Service

- Director, Graduate Studies (MCRP 2013-2015; PhD 2015-2019)
- Director, Land Use and Environmental Planning Specialization (2013-2019)
- Associate Director, PhD Program (2012-2013)

UNC- Chapel Hill Service

- Director, Odum Institute for Research in Social Science (Fall 2018-Present)
- Team Lead, UNC Provost's "Carolina Next" Strategic Planning Committee (Obj. 6.2: Faculty outreach) (Summer 2020-Present)
- Member, UNC Chancellor's Buildings and Grounds Committee (Fall 2017-Present)
- Member, UNC Provost's DataScience@Carolina Committee (Liaison to Research Sub-committee) (2018-2020)
- Member, Evaluation Committee for Odum Institute for Research in the Social Sciences (2016)
- Member, Evaluation Committee for Institute for Marine Sciences (2019)

- Faculty Advisor, Students for the New Urbanism/Carolina Urbanists, UNC Student Group (2012-2014); Epsilon Eta, Co-Ed Environmental Honors Fraternity, UNC Alpha Chapter (2009-2010); UNC Home Brewers (2014-2016)

Disciplinary Service

- Editorial board, *Landscape and Urban Planning* (2018-Present)
- Track Chair, Resources, *International System Dynamics Conference* (2017-Present)
- Associate Editor, *Environmental Science and Policy* (2016-2018)
- Member, EPA Board of Scientific Counselors (BOSC) Sustainable & Healthy Communities Subcommittee (2014-2017)
- Member, Scientific Review Committee, *National Socio-Environmental Synthesis Center* (SESYNC) (2013-2018)
- Member, Advisory Board for the System Dynamics Major, *Worcester Polytechnic Institute* (2008-2011)
- Advisor, Land Use Impact Assessment Team, *State of NC Sea Level Rise Risk Management Study* (2007-2008)
- Reviewer for many journals, including (but not limited to): *Journal of the American Planning Association*, *Luxembourg FNR (NSF Grant-making equivalent)*, *Portuguese Foundation for Science and Technology (FCT; Portuguese Research Council)*, *Diversity and Distributions*, *Journal of Planning Education and Research*, *Environmental Management*, *Journal of Environmental Management*, *Ecological Modeling*, *Ecological Economics*, *Biological Conservation*, *Environmental Management Review*, *System Dynamics Review*, *Ecological Restoration*, *Ecological Applications*, *Ecological Engineering*, *Landscape Ecology*, *Journal of Environmental Planning and Management and Ecology*, and others.
- Facilitator, 2009 Emerging Issues Forum, *N.C. State University Institute for Emerging Issues*
- Community Facilitator for Champaign County “big.small.all” visioning and planning project, 2006-2007
- Facilitator for UIUC Graduate College Workshop (2007), “Three Magic Letters: Getting to Ph.D.: A Symposium for Graduate Faculty, Students, and Alumni.”
- Professional memberships: *International System Dynamics Society*, *American Planning Association*, *Ecosystem Services Partnership (Foundation for Sustainable Development)*

Profile

Whenever possible, applications should be submitted prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

Public Records Statement

I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.

I Agree

evankirk29@gmail.com

Email Address

Evan

First Name

M

Middle Initial

Kirk

Last Name

706A Greenwood Rd

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Mobile: (919) 810-9845

Primary Phone

Home:

Alternate Phone

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

What district do you live in? *

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

If you are a Chapel Hill Resident, How long have you lived here?

4-9 years

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

Which Boards would you like to apply for?

Stormwater Management Utility Advisory Board: Eligible

Question applies to Stormwater Management Utility Advisory Board

Select a Seat Category for the Stormwater Management Utility Advisory Board *

University of North Carolina at Chapel Hill Employee

Question applies to Transportation and Connectivity Advisory Board

Select a Seat Category for the Transportation and Connectivity Advisory Board *

Bicycle Advocate and Chapel Hill Resident

Which Board is your First Choice? *

Transportation and Connectivity Advisory Board

How did you find out about this opportunity? (select all that apply by holding down the shift key)

Social Media

If you chose "Other" from the advertising opportunity listed above, please specify specify:

Interests & Experiences

What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

I commute to work at the University daily by bicycle. I also work for Carrboro Recreation and Parks and routinely travel to assignments by bicycle. I ride an e-bike, mainly on streets with no bicycle lane or painting. For stormwater, I have 3 years of experience studying stormwater finance at the Environmental Finance Center at UNC Chapel Hill School of Government. I have surveyed every utility in the state for stormwater rates in the last two years and I have drafted multiple reports on stormwater financing and funding. I also was a researcher for the Jordan Lake Nutrient Management study commissioned by the NC Legislator. My colleague and I explored governance and finance models for meeting the requirements under the Jordan Lake Rules. I spoke at the Nutrient Symposiums at the NC Botanical Garden and met with stormwater and elected officials throughout the Jordan Lake watershed, including our very own Mayor Hemminger.

Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.

Masters Degree in City and Regional Planning at UNC Masters Certificate in GIS Sciences 6 months of bicycle commuting as an employee and 7 years of bicycle and bus commuting as a student.

[Evan_Kirk_CV.pdf](#)

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

Demographics

In order to consider this application and provide some balance to the various boards, this personal information is required:

Ethnicity

Caucasian/Non-Hispanic

Gender

Male

If other, please describe:

Please select your age from the following list. *

25-34

Research Project Director

Occupation

Are you a Town of Chapel Hill employee?

Yes No

Ethics Statement

ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

I Agree *

Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.

EDUCATION

Master of City and
Regional Planning
UNC-Chapel Hill (2019)

Masters Certificate in
GIS Sciences
UNC-Chapel Hill (2017)

B.S. in Environmental
Sciences
UNC-Chapel Hill (2016)

FIELDS OF WORK

Land Use Planning
Environmental Planning
Energy and Sustainability
Environmental Finance

RELEVANT SKILLS

ArcGIS
Visual Basic
Microsoft Excel
Microsoft Access
Qualtrics
SQL

Evan M. Kirk

Project Director, Environmental Finance Center at the University of North Carolina at Chapel Hill

UNC School of Government CB# 3330 • Chapel Hill, North Carolina • 27599-3330
(919) 962-2789 • emkirk@sog.unc.edu

Professional Experience

Project Director, Environmental Finance Center *2019–Present*

University of North Carolina at Chapel Hill | Chapel Hill, NC

- Conducts applied research on water and wastewater finance.
- Provides analysis and technical assistance for environmental service providers.
- Leads educational workshops related to water and wastewater rate-setting.
- Uses data to create visual aids and draft decision guides for policy decisions.

Research Assistant, Environmental Finance Center *2017-2019*

University of North Carolina at Chapel Hill | Chapel Hill, NC

- Conducted 2019 NC Stormwater Fees Survey including 88 fee structures; presented findings to 2019 Charlotte Elected Officials Stormwater Workshop
- Conducted applied research for Jordan Lake Nutrient Management Study and created 'revenuehed' funding Excel tool
- Co-presented two webinars for 2016 Hawaii water rates survey

Leaders in Environment and Finance Fellow *Summer 2018*

Envirolink | Raleigh, NC

- Researched and drafted report on the nutrient trading framework in North Carolina
- Created management capacity survey for water and wastewater utilities using technical, managerial, and financial metrics
- Assisted in the creation of utility asset management program database framework

Student Rates Specialist, Environmental Finance Center *2016–2017*

University of North Carolina at Chapel Hill | Chapel Hill, NC

- Collected data and performed QAQC for water and wastewater rates in 8 states
- Drafted water and wastewater rates survey summary reports

Relevant Reports

Riggs E., Kirk E. (2019). **The Stormwater Finance Landscape: Where We've Come from and Where We've Yet to Go**. UNC Environmental Finance Center. https://efc.sog.unc.edu/sites/default/files/2019/NC%20Stormwater%20Landscape_Final%20Draft_0.pdf.

Riggs E., Hughes J., Kirk E. (2018). **Paying for Nutrient Reduction and Management in Jordan Lake: Summary of Second Year of Research**. UNC Environmental Finance Center. <https://efc.sog.unc.edu/sites/default/files/2018/Paying%20for%20Nutrient%20Management%20Nutrient%20Study%20Final%20Report%20Year%202.pdf>.

Riggs E., Hughes J., Leopard K., Kirk E. (2017). **Paying for Nutrient Reduction and Management in Jordan Lake: Summary of First Year of Research**. UNC Environmental Finance Center. <https://efc.sog.unc.edu/sites/default/files/2017/Paying%20for%20Nutrient%20Management%20Nutrient%20Study%208.15.pdf>.

Profile

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

Public Records Statement

I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.

I Agree

chadp@greatoutdoorprovision.com

Email Address

Chad

First Name

R

Middle Initial

Pickens

Last Name

Great Outdoor Provision Co.

Street Address

1800 E Franklin St., Ste. 1

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Home: (919) 828-5783

Primary Phone

Business: (919) 933-6148

Alternate Phone

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

What district do you live in? *

None Selected

[Please consult the town maps HERE if you are unsure.](#)

If you are a Chapel Hill Resident, How long have you lived here?

None Selected

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

Which Boards would you like to apply for?

Stormwater Management Utility Advisory Board: Eligible

Question applies to Stormwater Management Utility Advisory Board

Select a Seat Category for the Stormwater Management Utility Advisory Board *

Owners or Employees of companies owning property within Chapel Hill used for multi-family, business, commercial, or non-profit purposes

Which Board is your First Choice? *

None Selected

How did you find out about this opportunity? (select all that apply)

- Advisory Board or Council member
- Other (provide additional information below)

If you chose "Other" from the advertising opportunity listed above, please specify:

Julie McClintock

Interests & Experiences

What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

The primary reason that I'd like to serve as a business representative for the Stormwater Management Utility Advisory Board is because in my capacity as the general manager of a business in the Ephesus Fordham District that's impacted by the occasional floodwaters of Booker Creek, I've had a chance to personally experience the impact of stormwater related flooding events. I believe that my perspective can be useful to the board as they advise on existing and future projects.

Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.

I have contacts in the business community and two years of experience serving on the Stormwater Management Utility Advisory Board.

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

Ethnicity *

Caucasian/Non-Hispanic

Gender *

Male

If other, please describe:

Please select your age from the following list. *

35-54

General Manager

Occupation

Are you a caregiver for or identify with a disability?

Yes No

Have you participated in the Peoples Academy?

Yes No

Are you a Town of Chapel Hill employee?

Yes No

Ethics Statement

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Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

I Agree *

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CHAD R. PICKENS

1615 Lawrence Rd.
Hillsborough, North Carolina 27278
(919) 828-5783
chad.pickens@gmail.com

EDUCATION:

Colorado State University – Business Management – 2013-2016
North Carolina State University, Raleigh, NC – Mechanical Engineering – 1994-2000
Northwest Guilford High School, Greensboro, NC - 1994

WORK EXPERIENCE:

General Manager, Great Outdoor Provision Company, Chapel Hill, NC.
September 2011 – Present

- Assumed management responsibility for Great Outdoor Provision Company's Chapel Hill location – As one of America's largest independent specialty outdoor retailers, Great Outdoor Provision Company offers gear and clothing for life outside, including hiking and backpacking, fly fishing, travel, kayaking and canoeing
- Twice nominated for Chapel Hill Chamber of Commerce's Business of the Year (2011 and 2012)
- Established relationships with local university adventure programs, outdoor guides, and local outdoor retailers
- Led volunteer crews in support of Clean Jordan Lake's Adopt-a-Shoreline location on Lystra Rd. (2012 – present)

General Manager, Great Outdoor Provision Company, Greenville, NC.
October 2005 – September 2011

- Planned and opened new 8,500 sq. ft. store location - responsibilities included recruiting, hiring and training of new staff, purchasing store supplies and merchandising fixtures, and marketing
- Scheduled employees to ensure efficiency and appropriate customer service levels
- Trained and developed staff to ensure technical proficiency and salesmanship
- Coordinated human resources functions including maintaining personnel files and coordinating with government services
- Maintained facility by performing general housekeeping duties, electrical repairs, and hiring contractors for additional maintenance
- Successfully planned and opened 4,000 sq. ft. addition in fall of 2007

Assistant Manager, Sales Associate, Great Outdoor Provision Company, Raleigh, NC.
June 1998 – October 2005

- Assisted customers with selection of outdoor recreation equipment and clothing
- Coordinated activities of store employees to ensure superior customer satisfaction
- Served as manager of paddlesports department
- Developed staff training curriculum

Part-Time Supervisor – Human Resources Recruiter, UPS, Raleigh, NC.
April 2002 – December 2004

- Developed and implemented efficient methods for establishing contact with and conducting thorough screenings of potential candidates for UPS jobs
- Established and maintained relationships with local college and university officials
- Assisted current employees in resolving payroll and benefit issues
- Tracked recruiter and departmental effectiveness using weekly performance metrics

CHAD R. PICKENS

1615 Lawrence Rd.
Hillsborough, North Carolina 27278
(919) 828-5783
chad.pickens@gmail.com

Part-Time Package Handler – Primary Sorter, UPS, Raleigh, NC.
February 2001 – March 2002

- Identified shipping address labels and routed packages to their appropriate destinations
- Assisted in training of new employees
- Served as chairman of Co-Chaired Employee Retention Committee (C.E.R.C.)

Field Engineering Support and Mechanical Team Co-op, Nortel Networks, Morrisville, NC.
May 1999 – September 1999, August 1998 – January 1999, January 1998 – May 1998

- Provided technical phone assistance to regional Nortel field engineers
- Performed assorted departmental purchasing tasks
- Addressed issues raised in monthly Field Engineering Focus Calls
- Composed and edited chapters in equipment installation manuals with emphasis on improving worker safety, improving time efficiency, and therefore saving money.
- Revised departmental procedures

Materials Engineering Co-op, Nortel Networks, Creedmoor, NC.
May 1997 – August 1997, August 1996 – January 1997, January 1996 – May 1996

- Served as materials engineering prime for Brock Telecom units portfolio
- Communicated with vendors in order to establish and maintain quality standards
- Created and implemented engineering changes to redesign components used on digital switching equipment
- Supervised supplier and manufacturing issues while serving as production cell engineering prime
- Served on supplier audit teams at customer sites throughout North Carolina

ACTIVITIES:

Kayaking, hiking, landscaping, traveling

REFERENCES:

Available upon request.

Profile

Question applies to multiple boards

Whenever possible, submit your application prior to the scheduled meeting of the affected advisory board so that they can consider all applications prior to making a recommendation to Council.

Public Records Statement

I acknowledge that all information submitted in this application becomes a public record and will be searchable online. The Town is not able to remove information from the public record once it has been posted.

I Agree

shugong.wang@icloud.com

Email Address

Shugong

First Name

Wang

Middle Initial

Last Name

163 Kingston Dr

Street Address

Suite or Apt

Chapel Hill

City

NC

State

27514

Postal Code

Mobile: (412) 805-2189

Primary Phone

Alternate Phone

Question applies to multiple boards

Residency within the Town limits is required for membership on most Council advisory bodies. Memberships of some committees and task forces may be composed of up to forty percent of non-Town residents.

What district do you live in? *

Chapel Hill Town limits (Purple)

[Please consult the town maps HERE if you are unsure.](#)

If you are a Chapel Hill Resident, How long have you lived here?

4-9 years

Question applies to multiple boards

The Council encourages you to visit a meeting of the group that you are interested in serving on. Please choose no more than two groups from the list below to which you would like to apply.

Which Boards would you like to apply for?

Stormwater Management Utility Advisory Board: Eligible

Question applies to Stormwater Management Utility Advisory Board

Select a Seat Category for the Stormwater Management Utility Advisory Board *

Owners of Single-Family Residential Property within Chapel Hill

Which Board is your First Choice? *

Stormwater Management Utility Advisory Board

How did you find out about this opportunity? (select all that apply)

Advisory Board or Council member

If you chose "Other" from the advertising opportunity listed above, please specify:

Interests & Experiences

What perspective(s) do you bring to the board(s), commission(s), committee(s) or task force(s) to which you are applying?

As a scientist with academic trainings in civil and environmental engineering, information sciences and earth sciences, I will bring scientific knowledge and engineering technologies for environment protection and planning in Chapel Hill. With many years work experiences in the Hydrological Sciences Laboratory at NASA Goddard Space Flight Center, I will bring expertise in water resource engineering, flood control, geographic information system (GIS) and remote sensing techniques for supporting decision making. All in all, as a resident, I would like to contribute my part to the development of Chapel Hill.

Please provide a brief summary of any other relevant qualifications (skills, abilities, interests and/or experience) you bring.

(1) environment planning based Geographic Information System (GIS) and satellite images (2) environment visualization using images, videos (e.g. YouTube), and 3D modeling (e.g. Google Earth) (3) flood mitigation and flood control (4) data analysis and result presentation (5) Gardening

You may upload a supporting document (e.g., CV or resume). **Please be advised that any information submitted becomes a public record and may be searchable online.**

Demographics

The Town Council seeks to attract persons from diverse backgrounds and believes that childcare and transportation is a potential barrier for qualified and interested applicants. See the [Childcare and Transportation Assistance pilot](#) for further details. In order to consider this application and provide some balance to the various boards, this personal information is required:

Ethnicity *

Asian or Pacific Islander

Gender *

Male

If other, please describe:

Please select your age from the following list. *

35-54

Scientist

Occupation

Are you a caregiver for or identify with a disability?

Yes No

Have you participated in the Peoples Academy?

Yes No

Are you a Town of Chapel Hill employee?

Yes No

Ethics Statement

ETHICS GUIDELINES FOR TOWN ADVISORY BOARDS AND COMMISSIONS

Members of advisory boards and commissions shall not discuss, advocate, or vote on any matter in which they have a conflict of interest or an interest which reasonably might appear to be in conflict with the concept of fairness in dealing with public business. A conflict of interest or a potential conflict occurs if a member has a separate, private, or monetary interest, either direct or indirect, in any issue or transaction under consideration. In addition, members of the Historic District Commission and Board of Adjustment, when these boards are hearing cases, serve as quasi-judicial bodies. Pursuant to State Statute 106A-388(e)(2), members of these boards “shall not participate in or vote on any quasi-judicial matter in a manner that would violate affected persons’ constitutional rights to an impartial decision maker. Impermissible violations of due process include, but are not limited to, a member having a fixed opinion prior to hearing the matter that is not susceptible to change, undisclosed ex parte communications, a close familial, business, or other associational relationship with an affected person, or a financial interest in the outcome of the matter.”

Any member who violates these Ethics Guidelines may be subject to removal from the board or commission. If the advisory board or commission member believes he/she has a conflict of interest then that member should ask the advisory board or commission to be recused from voting. The advisory board or commission should then vote on the question on whether or not to excuse the member making the request. In cases where the individual member or the advisory board or commission establishes a conflict of interest, then the advisory board or commission member shall remove themselves from the voting area. Any advisory board or commission member may seek the counsel of the Town Attorney on questions regarding the interpretation of these ethics guidelines or other conflict of interest matters. The interpretation may include a recommendation on whether or not the advisory board or commission member should excuse himself/herself from voting. The advisory board or commission member may request the Town Attorney respond in writing.

I Agree *

Question applies to multiple boards

Applications will be kept on file from July 1st to June 30th of the same fiscal year. Please reapply each fiscal year if you are still interested in serving on an Advisory Board, Commission, Committee or Task Force and have not yet been appointed.