

Articles in Peer-reviewed Journals

- Potapov E., A. Bedford, F. Bryntesson, S. Cooper, B. Nyholm and D. Robertson. 2014. White-tailed deer (*Odocoileus virginianus*) suburban habitat use along disturbance gradients. *American Midland Naturalist*, 171: 128-138.
- Potapov E. and V. Hronusov. 2012. Extreme dynamic mapping: Animals map themselves on 5 the “Cloud,” in Whitmeyer, S.J., Bailey, J.E., De Paor, D.G., and Ornduff, T., eds., Google Earth 6 and Virtual Visualizations in Geoscience Education and Research: Geological Society of America Special Paper 492.
- Potapov E., A. Bedford, F. Bryntesson, S. Cooper, B. Brown, and D. Robertson. 2011. Impact of snow cover on movements and habitat choice by suburban White-tailed deer (*Odocoileus virginianus*). *Bulletin of the New Jersey Academy of Science*, 56: 5-8.
- Brown B., F. Bryntesson, S. Cooper, B. Nyholm, D. Robertson, A. Bedford, D. Hendricks, L. Klippenstein and E. Potapov. 2011. Moonlight and Suburban White-tailed deer movements. *Bulletin of the New Jersey Academy of Science*, 56: 1-3.

Oral Presentations at Scientific Conferences and Meetings

- Potapov E., R. Landels, M. Rogers, E. Higgins and F. Bryntesson. 2016. Timescapes of white-tailed deer movement in suburban ‘open space’: how human activity affects deer movement. *The Annual Conference of The Wildlife Society of America*. Raleigh, NC. Presentation given by E. Potapov, October 19, 2016.
- Rodgers M., F. Bryntesson, S. Cooper and E. Potapov. 2014. How wind affect spatial distribution of deer? *The 2014 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. University of Maryland, College Park, MD. Presentation given by M. Rodgers, March 29, 2014.
- Potapov E., F. Bryntesson and S. Cooper. 2013. Modeling habitat using “perceptual landscape” method: a case of suburban deer. *The Annual Conference of The Wildlife Society of America*. Milwaukee, WI, October 5-10, 2013. Presentation given by E. Potapov.
- Brown B., B. Nyholm, D. Robertson, A. Bedford, F. Bryntesson, S. Cooper, D. Hendricks, L. Klippenstein, and E. Potapov. 2011. Moonlight and suburban white-tailed deer movements. *The 2011 Joint Meeting of the Mid-Atlantic Chapter Ecological Society of America and the New Jersey Academy of Science*. Montclair State University, Montclair, NJ. Presentation given by B. Brown, April 9, 2011.
- Potapov E. 2011. Extreme dynamic mapping: animals map themselves on the “Cloud.” *Google Earth: Visualizing the Possibilities for Geoscience Education and Research (4-8 January 2011)*. Google Inc. Headquarters (GooglePlex), Mountain View, Palo Alto, CA. Presentation given by E. Potapov, January 5, 2011.
- Potapov E., B. Nyholm, D. Robertson, A. Bedford, F. Bryntesson, S. Cooper, B. Brown, D. Hendricks, L. Klippenstein, and E. A. Rothla. 2010. Suburban white-tailed deer: spatial and temporal pattern of land use. *The Seventh Annual Conference of the Mid-Atlantic Chapter of Ecological Societies of America*. University of Mary Washington, Fredericksburg, VA. Presentation given by E. Potapov, April 17, 2010.
- Potapov E. 2008. Cheap and reliable Mail to Map system: animals map themselves. *The 3rd International Biologging III Science Symposium (1-5 September 2008)*. Hosted at the Asilomar Conference Center by Monterey Bay Aquarium, Monterey, CA. Presentation given by Eugene Potapov, September 3, 2008.

Poster Presentations at Scientific Conferences and Meetings

- Potapov E., G. M^cMackin, F. Bryntesson and E. Higgins. 2019. Application of knot theory to the analysis of animal movement: an example of white-tailed deer. *The 2019 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Bowie State University, Bowie, MD. April 6, 2019.
- Rath S. 2019. Can suburban white-tailed deer predict feeding schedules? *The 2019 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Bowie State University, Bowie, MD. April 6, 2019.
- Rath S., G. M^cMackin, E. Higgins, F. Bryntesson and E. Potapov. 2018. Human activity and animal movement: are they connected? *The 2018 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Rutgers University, Newark, NJ. April 7, 2018.
- Potapov E., F. Bryntesson, E. Higgins, S. Rath, K. Roth and G. M^cMackin. 2018. Is there a gender conflict between male and female deer over territory? *The 2018 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Rutgers University, Newark, NJ. April 7, 2018.
- Snyder E., F. Bryntesson, L. Clymer, K. Roth, S. Rath, E. Higgins and Eugene Potapov. 2018. Effect of ambient noise on the movement of white-tailed deer in a fragmented suburban landscape. *The 2018 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Rutgers University, Newark, NJ. April 7, 2018.
- Ball J., D. Buss, L. Clymer, R. Landels, E. Snyder, K. Roth, F. Bryntesson, E. Higgins, G. M^cMackin and E. Potapov. 2017. The effects of sex-dependent habitat preference of White-tailed deer in suburbia. *The 2017 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Stockton University, Galloway, NJ. April 22, 2017.
- Buss D., J. Ball, L. Clymer, J. Kadelock, R. Landels, M. Rodgers, K. Roth, F. Bryntesson, E. Higgins, G. M^cMackin and E. Potapov. 2017. Does humidity affect spatial distribution of the White-tailed Deer? *The 2017 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Stockton University, Galloway, NJ. April 22, 2017.
- Clymer L., E. Snyder, R. Landels, K. Roth, M. Rodgers, F. Bryntesson, E. Higgins, G. M^cMackin and E. Potapov. 2017. Seasonal changes of visibility through vegetation and how it affects deer movements in suburbia. *The 2017 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Stockton University, Galloway, NJ. April 22, 2017.
- Landels R., B. Nyholm, K. Roth, F. Bryntesson, E. Higgins, G. M^cMackin and E. Potapov. 2017. Is there a link between deer-vehicle collisions and deer movements? *The 2017 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Stockton University, Galloway, NJ. April 22, 2017.
- Snyder E., L. Clymer, R. Landels, K. Roth, F. Bryntesson, E. Higgins, G. M^cMackin and E. Potapov. 2017. Does ambient noise affect deer movement in suburban areas? *The 2017 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Stockton University, Galloway, NJ. April 22, 2017.
- Potapov E., R. Landels, M. Rogers, E. Higgins and F. Bryntesson. 2016. Human activity and white-tailed deer road crossing: are they connected? *The Annual Conference of The Wildlife Society of America*. Raleigh, NC. October 19, 2016.
- Potapov E., L. Clymer, J. Kadelock, R. Landels, K. Roth, F. Bryntesson and E. Higgins. 2016. Time-share phenomenon in suburbia: how white-tailed deer and people coexist in an “open space” preserve. *The 2016 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Kutztown University, Kutztown, PA. April 9, 2016.

- Clymer L., J. Kadelock, R. Landels, K. Roth, F. Bryntesson, E. Higgins and E. Potapov. 2016. Linking visibility through vegetation with animal movements: are deer limited by hideout places? *The 2016 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Kutztown University, Kutztown, PA. April 9, 2016.
- Landels R., L. Clymer, J. Kadelock, M. Rodgers, K. Roth, F. Bryntesson, E. Higgins and E. Potapov. 2016. When do suburban white-tailed deer cross roads? *The 2016 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Kutztown University, Kutztown, PA. April 9, 2016.
- Landels R., F. Bryntesson, S. Cooper, E. Higgins, J. Alden, J. Chapin, P. Fritch, M. Jiang, N. Khatiwada, S. Kim, M. Rodgers and E. Potapov. 2015. Road crossings by white-tailed deer: when and where? *The 2015 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Elizabethtown College, Elizabethtown, PA. April 18, 2015.
- Rodgers M., F. Bryntesson, S. Cooper, E. Higgins and E. Potapov. 2015. Effects of wind on movements of white-tailed deer. *The 2015 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Elizabethtown College, Elizabethtown, PA. April 18, 2015.
- Potapov E., F. Bryntesson, S. Cooper and E. Higgins. 2015. Home range structure in a space-time cube: an example of white-tailed deer. *The 2015 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Elizabethtown College, Elizabethtown, PA. April 18, 2015.
- Chapin J., M. Jiang and S. Kim. 2015. Deer avoid road crossings: a probabilistic analysis in southeast Pennsylvania. Advisor: E. Potapov. *Undergraduate Research at the Capitol – Pennsylvania*. Harrisburg, PA. March 3, 2015.
- Alden J., P. Fritch and N. Khatiwada. 2015. Spatial mapping of individual territories of white-tailed deer: an environmental and probabilistic study in the Pennypack. Advisor: E. Potapov. *Undergraduate Research at the Capitol – Pennsylvania*. Harrisburg, PA. March 3, 2015.
- Potapov E., M. Rodgers, F. Bryntesson and S. Cooper. 2014. Daily trajectories of White Tailed Deer suggest separate continuities of day and night foraging paths. *The 2014 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. University of Maryland, College Park, MD. March 29, 2014.
- Potapov E., M. Atkins, M. Rodgers, F. Bryntesson and S. Cooper. 2013. Perceptual landscape of suburban deer. *The 2013 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Dover, DE. April 13, 2013.
- Atkins M., M. Rodgers, F. Bryntesson, S. Cooper and E. Potapov 2013. Hi-resolution mapping reveals interactive spatial distribution of Multiflora rose, other shrubs and White-tailed deer in the Delaware River Estuary watershed. *The 2013 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Dover, DE. April 13, 2013.
- Rodgers M., F. Bryntesson, S. Cooper and E. Potapov. 2013. Effects of wind on spatial distribution of white-tailed deer. *The Annual Conference of the Pennsylvania Chapter of the Wildlife Society*. Pennsylvania State University, PA. March 23, 2013.
- Potapov E., B. Nyholm, D. Robertson, M. Rodgers, A. Bedford, F. Bryntesson and S. Cooper. 2012. Day and night patterns of habitat use of an herbivore across disturbance gradients in antropogenic landscapes: a case study using white-tailed deer. *The Annual Conference of The Wildlife Society of America*. Portland, OR. October 17, 2012.
- Potapov E., A. Bedford, F. Bryntesson, S. Cooper, B. Nyholm and D. Robertson. 2012. Habitat use by suburban white-tailed deer along disturbance gradients. *The 2012 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America*. Virginia Tech, Blacksburg, VA. April 14, 2012.

- Potapov E., B. Brown, B. Nyholm, D. Robertson, A. Bedford, F. Bryntesson, S. Cooper, D. Hendricks, and L. Klippenstein. 2011. Impact of snow cover on movements and habitat choice of suburban white-tailed deer. *The 2011 Joint Meeting of the Mid-Atlantic Chapter Ecological Society of America and the New Jersey Academy of Science*. Montclair State University, Montclair, NJ. April 9, 2011.
- Potapov E., B. Nyholm, D. Robertson, A. Bedford, F. Bryntesson, S. Cooper, B. Brown, and L. Klippenstein. 2010. When white-tailed deer cross roads: a case study at the Pennypack Ecological Restoration Trust. *The Seventh Annual Conference of the Mid-Atlantic Chapter of Ecological Societies of America*. University of Mary Washington, Fredericksburg, VA. April 17, 2010.
- Potapov E., B. Nyholm, D. Robertson, A. Bedford, F. Bryntesson, S. Cooper, B. Brown, D. Hendricks, L. Klippenstein, J. Nash, and E. A. Rohtla. 2010. When white-tailed deer come to restoration plots: a case study at the Pennypack Ecological Restoration Trust. *The Society for Ecological Restoration International Mid-Atlantic Chapter 2010 Conference*. Rutgers University, New Brunswick, NJ. February 19, 2010.
- Potapov E., B. Nyholm, D. Robertson, A. Bedford, F. Bryntesson, S. Cooper, B. Brown, D. Hendricks, and E. A. Rohtla. 2009. Habitat restoration in a suburban preserve from the perspective of white-tailed deer. *The joint conference for the Mid-Atlantic Chapters of the Ecological Society of America and the Society for Ecological Restoration*. The College of New Jersey, Ewing, NJ. March 13, 2009. Also presented on May 8, 2009, at the *7th Annual Pennsylvania Land Conversation Conference and Confluence: Working Together to Protect our Land, Water & Communities*, at Pennsylvania State University, State College, PA.
- Potapov E., A. Bedford, F. Bryntesson, S. Cooper, D. Robertson, B. Nyholm, B. Brown, D. Hendricks, and E. A. Rohtla. 2009. Human accessibility affects habitat use preferences and movement patterns of suburban white-tailed deer. *The joint conference for the Mid-Atlantic Chapters of the Ecological Society of America and the Society for Ecological Restoration*. The College of New Jersey, Ewing, NJ. March 13, 2009. Also presented on May 8, 2009, at the *7th Annual Pennsylvania Land Conversation Conference and Confluence: Working Together to Protect our Land, Water & Communities*, at Pennsylvania State University, State College, PA.
- Potapov E., A. Bedford, F. Bryntesson, S. Cooper, D. Robertson, B. Nyholm, E. A. Rohtla, and B. Brown. 2008. Fine-scale daily movement patterns and territory use by white-tailed deer in suburban Philadelphia. *The Conference of the Mid-Atlantic Chapter of Ecological Societies of America*. Wilkes University, Wilkes-Barre, PA. April 19, 2008.
- Potapov E. and E. A. Rohtla. 2008. Can randomly placed trail cameras alone return the density of White-tailed deer? *The Conference of the Mid-Atlantic Chapter of Ecological Societies of America*. Wilkes University, Wilkes-Barre, PA. April 19, 2008

Some Other Presentations

- Potapov E., F. Bryntesson, E. Higgins, and G. McMackin. 2019. When and Why Do Deer Move? Oral Presentation as part of the Research Lecture Series at the Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, February 19, 2019.
- Potapov E. and F. Bryntesson. 2018. The Bryn Athyn College/PERT Deer Study 2006-2018. Oral Presentation at the Research Round Table Meeting at the Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, August 10, 2018.
- Bryntesson F. 2017. The Bryn Athyn College/PERT Deer Study 2006-2017. Oral Presentation to the Board of Directors of the Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, June 20, 2017.

- Bryntesson F. 2017. The Bryn Athyn College/PERT Deer Study 2006-2017. Oral Presentation at the meeting of the Stewardship Committee of Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, June 8, 2017.
- Bryntesson F. 2016. The Deer Study: studying the movements and behavior of suburban white-tailed deer. Oral Presentation at the semiannual meeting of BAMA, Huntingdon Valley, PA, August 17, 2016.
- Bryntesson F. 2016. The Deer Study: studying the movements and behavior of suburban white-tailed deer. Oral Presentation at the meeting of the Stewardship Committee of Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, June 6, 2016.
- Bryntesson F., E. Higgins and E. Potapov. 2016. The Deer Study. Oral Presentation at the Friday Faculty Lunch, Bryn Athyn College, Bryn Athyn, PA, February 19, 2016.
- Bryntesson F. 2015. The Deer Study. Oral Presentation at the College Conversations event, Cairnwood Village, Bryn Athyn, PA, February 17, 2015.
- Bryntesson F. 2014. The Deer Study. Oral Presentation at the Annual Meeting of the Members of the Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, December 2, 2014.
- Potapov E. and F. Bryntesson. 2011. The BAC Deer Study. Display Presentation at the Bryn Athyn College Alumni Open House. The Brickman Center, Bryn Athyn College, PA, USA. Presented by Eugene Potapov and Fredrik Bryntesson. October 8, 2011.
- Potapov E. and F. Bryntesson. 2011. The BAC Deer Study. Display Presentation at the Bryn Athyn College Exposition and Fundraiser. The Asplundh Field House, Bryn Athyn College, PA. Presented by Eugene Potapov and Fredrik Bryntesson. October 7, 2011.
- Cooper S. 2009. Deer in time and space. Oral Presentation at the Dinner of the President of the Pennypack Ecological Restoration Trust. Huntingdon Valley Country Club, Huntingdon Valley, PA, November 12, 2009.
- Potapov E., A. Bedford, B. Brown, F. Bryntesson, D. Hendricks, and E. A. Rohtla. Deer in time and space. 2009. Bryn Athyn College Colloquium co-presented by all authors. Bryn Athyn College, Bryn Athyn, PA, May 14, 2009.
- Bryntesson F. 2009. The Deer Study. Oral Presentation to the Board of Directors of the Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, USA, March 17, 2009.
- Bryntesson F. 2008. The Deer Study. Oral Presentation to the Board of Directors of the Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, September 9, 2008.
- Bedford A. 2008. PERT-BAC Deer Study. Oral Presentation to the Board of Directors of the Pennypack Ecological Restoration Trust, Huntingdon Valley, PA, March 18, 2008.

List of national and regional scientific conferences and meetings where the Bryn Athyn College/P.E.R.T. Deer Study has presented results

The 2019 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America. Bowie State University, Bowie, MD. April 2019.

The 2018 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America. Rutgers University, Newark, NJ. April 2018.

The 2017 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America. Stockton University, Galloway, NJ. April 2017.

The Annual Conference of The Wildlife Society of America. Raleigh, NC. October 2016.

The 2016 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America. Kutztown University, Kutztown, PA. April 2016.

The 2015 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America. Elizabethtown College, Elizabethtown, PA. April 2015.

Undergraduate Research at the Capitol – Pennsylvania. Harrisburg, PA. March 3, 2015.

The 2014 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America. University of Maryland, College Park, MD. 2014.

The Annual Conference of The Wildlife Society of America. Milwaukee, WI, October 2013.

The 2013 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America. Dover, DE. April 2013.

The Annual Conference of the Pennsylvania Chapter of the Wildlife Society. Pennsylvania State University, PA. March 2013.

The Annual Conference of The Wildlife Society of America. Portland, OR. October 2012.

The 2012 Meeting of the Mid-Atlantic Chapter of the Ecological Society of America. Virginia Tech, Blacksburg, VA. April 2012.

The 2011 Joint Meeting of the Mid-Atlantic Chapter Ecological Society of America and the New Jersey Academy of Science. Montclair State University, Montclair, NJ. Presentation given by B. Brown, April 2011.

Google Earth: Visualizing the Possibilities for Geoscience Education and Research (4-8 January 2011). Google Inc. Headquarters (GooglePlex), Mountain View, Palo Alto, CA.

The Seventh Annual Conference of the Mid-Atlantic Chapter of Ecological Societies of America. University of Mary Washington, Fredericksburg, VA. April 2010.

The Society for Ecological Restoration International Mid-Atlantic Chapter 2010 Conference. Rutgers University, New Brunswick, NJ. February 2010.

The 7th Annual Pennsylvania Land Conversation Conference and Confluence: Working Together to Protect our Land, Water & Communities, at Pennsylvania State University, State College, PA. May 2009.

The joint conference for the Mid-Atlantic Chapters of the Ecological Society of America and the Society for Ecological Restoration. The College of New Jersey, Ewing, NJ. March 2009.

The 3rd International Biologging III Science Symposium (1-5 September 2008). Hosted at the Asilomar Conference Center by Monterey Bay Aquarium, Monterey, CA. September 2008.

The Conference of the Mid-Atlantic Chapter of Ecological Societies of America. Wilkes University, Wilkes-Barre, PA. April 2008.