**Bibliography**

Brennan, Jameson R., et al. “Comparing Stability in Random Forest Models to Map Northern Great Plains Plant Communities in Pastures Occupied by Prairie Dogs Using Pleiades Imagery.” *Biogeosciences*, vol. 17, no. 5, 2020, pp. 1281–1292., https://doi.org/10.5194/bg-17-1281-2020.

Drogoul, Alexis, and Jacques Ferber. “Multi-Agent Simulation as a Tool for Modeling Societies: Application to Social Differentiation in Ant Colonies.” *Artificial Social Systems*, 1994, pp. 2–23., https://doi.org/10.1007/3-540-58266-5\_1.

Gaston, Anthony J., et al. “Modeling Foraging Range for Breeding Colonies of Thick-Billed Murres Uria Lomvia in the Eastern Canadian Arctic and Potential Overlap with Industrial Development.” *Biological Conservation*, vol. 168, 2013, pp. 134–143., https://doi.org/10.1016/j.biocon.2013.09.018.

McClintock, Brett T., et al. “A General Discrete-Time Modeling Framework for Animal Movement Using Multistate Random Walks.” *Ecological Monographs*, vol. 82, no. 3, 2012, pp. 335–349., https://doi.org/10.1890/11-0326.1.

Nave, Gary K., et al. “Attraction, Dynamics, and Phase Transitions in Fire Ant Tower-Building.” *Frontiers in Robotics and AI*, vol. 7, 2020, https://doi.org/10.3389/frobt.2020.00025.

Olfati-Saber, R. “Flocking for Multi-Agent Dynamic Systems: Algorithms and Theory.” *IEEE Transactions on Automatic Control*, vol. 51, no. 3, 2006, pp. 401–420., https://doi.org/10.1109/tac.2005.864190.

“Prairie Dog Conservation and Management.” *City of Boulder*, 2022, https://bouldercolorado.gov/services/prairie-dog-conservation-and-management.

Ramirez, Jorge M, et al. “Modeling Tropotaxis in Ant Colonies: Recruitment and Trail Formation.” *ArXiv: Populations and Evolution*, 1 Nov. 2018.

Roy, Sangita, et al. “Nature-Inspired Swarm Intelligence and Its Applications.” *International Journal of Modern Education and Computer Science*, vol. 6, no. 12, 2014, pp. 55–65., https://doi.org/10.5815/ijmecs.2014.12.08.

Sackett, Loren C., et al. “Connectivity of Prairie Dog Colonies in an Altered Landscape: Inferences from Analysis of Microsatellite DNA Variation.” *Conservation Genetics*, vol. 13, no. 2, 2011, pp. 407–418., https://doi.org/10.1007/s10592-011-0293-y.

Sidle, John G, et al. “Monitoring Black-Tailed Prairie Dog Colonies with High-Resolution Satellite Imagery.” *Wildlife Society Bulletin*, vol. 30, no. 2, 2002.

Yoder, Christi , et al. “Population Modeling of Prairie Dog Contraception as a Management Tool.” *Proceedings of the Vertebrate Pest Conference*, vol. 23, 2008, https://doi.org/10.5070/v423110509.