

6. References

- Araujo, J. O., Valente, J., Kooistra, L., Munniks, S., & Peters, R. J. (2020). Experimental flight patterns evaluation for a UAV-based air pollutant sensor. *Micromachines*, 11(8), 768.
- Army, U. S. (1986). FM 3-6 AMF 105-7 FM 7-11-H. Field Behavior of NBC Agents (Including Smoke and Incendiaries).
- Echeveste, D., Lee, A., & Clark, N. (2021). Using Spatial Uncertainty to Dynamically Determine UAS Flight Paths. *Journal of Intelligent & Robotic Systems*, 101(4), 1-16.
- Fishburn, P. C. (1980). Stochastic dominance and moments of distributions. *Mathematics of operations Research*, 5(1), 94-100.
- IMO. (2016). IAMSAR Manual: International Aeronautical and Maritime Search and Rescue Manual.
- Kimball, D., & Davenport, K. (2018). Chemical Weapons: Frequently Asked Question. *Arms Control Association*.
- Kopeikin, A., Heider, S., Larkin, D., Korpela, C., Morales, R., & Bluman, J. E. (2019). Unmanned aircraft system swarm for radiological and imagery data collection. In *AIAA Scitech 2019 Forum*
- Martins, G. H. (1993). *A new branch-and-bound procedure for computing optimal search paths*. Naval Postgraduate School, Monterey CA.
- Munera, A. (2019). Chemical, Biological, Radiological, and Nuclear Operations, *US Army Field Manual 3-11*, Washington, D.C.
- Quirk, J. P., & Saposnik, R. (1962). Admissibility and measurable utility functions. *The Review of Economic Studies*, 29(2), 140-146.
- Rahmes, M., Chester, D., Hunt, J., & Chiasson, B. (2018, May). Optimizing cooperative cognitive search and rescue UAVs. In *Autonomous Systems: Sensors, Vehicles, Security, and the Internet of Everything* (Vol. 10643, p. 106430T). International Society for Optics and Photonics.
- San Juan, V., Santos, M., & Andújar, J. M. (2018). Intelligent UAV map generation and discrete path planning for search and rescue operations. *Complexity*, 2018.
- Steckenrider, J. J. (2021). Adaptive Aerial Localization Using Lissajous Search Patterns. *IEEE Transactions on Robotics*.
- Steckenrider, J. J., Leamy, S., & Furukawa, T. (2020, November). Cooperative Aerial Search and Localization Using Lissajous Patterns. In *2020 IEEE International Symposium on Safety, Security, and Rescue Robotics (SSRR)* (pp. 233-240). IEEE.
- Wollan, H. (2004). Incorporating heuristically generated search patterns in search and rescue. *University of Edinburgh*.