Amber Kimberling

CPSC 548

Dr. Michael D. Falkow

Topic & Brief Intro

The Ethical Issues with Artificial Intelligence in Agriculture

Could you imagine a future where farms managed by AI (Artificial Intelligence) produce ample nutritional substance for societies needs to live? There is no time to think “what if?” when agricultural pastures are implementing this technology now. What is Artificial Intelligence and what does it have to do with crop farming? AI is the replication of human intelligence with the use of machines. When this infrastructure is combined with agriculture, farms can be managed at larger quantities and increase sustainability. According to Lakshmi and Corbett (2020), “The transition from conventional agricultural practices to a sustainable mode of growing food can lead to social and economic equity and a healthy environment.” To improve life without affecting future generations it is essential to set the boundaries and ethical standards for AI to follow. The correlation between using AI to manage agricultural life and how people use these tools ethically are consequential because as life progresses, boundaries will be key in how crops and life can be sustainable.

Reference

Lakshmi, V., & Corbett, J. (2020). How artificial intelligence improves agricultural productivity and sustainability: A global thematic analysis. Proceedings of the 53rd Hawaii International Conference on System Sciences, 5202–5211. https://doi.org/10.24251/hicss.2020.639