

## **Microtensiometer-based crop watering**

Project advisors: Professor Abraham Stroock and his graduate students

Note that this project requires Professor Stroock to approve your team before you choose it.

Students working on this project will use real and simulated data from microtensiometers as input to a system which will attempt to optimize water sent to each controllable segment of a farm. This project will involve generating streaming simulated data from the initial dataset, building an optimization tool, then scaling to arbitrarily large farms with arbitrary control granularity.