

LET'S DO IT TOGETHER

AI FOR SOCIAL GOOD

[@learn.machinelearning](https://www.learnmachinelearning.com)



WATER MANAGEMENT



- Building efficient water systems
- Optimizing current water resources
- Infrastructure planning for water structures
- AI will optimize energy use for water and wastewater operations
- Detecting Harmful Bacteria
- Flow and Pressure Forecasting
- Many more

GLOBAL WARMING



- Better climate predictions
- Showing the effects of extreme weather
- Measuring where carbon is coming from
- Improve predictions of how much electricity we need
- Help make buildings more efficient
- Create better estimates of how much energy we are consuming
- Make precision agriculture possible at scale
- Improve deforestation tracking
- Many more.....

RENEWABLE ENERGY



- Energy Forecasting
- Energy Accessibility
- Smart, Centralized Control Centers
- Improved Integration of Microgrids
- Improved Safety and Reliability
- Smart Grid with Intelligent Storage
- Expand the Market
- Many more.....

EARTHQUAKES



- Analyzing seismic data to detect patterns of earthquakes
- Predicting the locations of earthquakes and aftershocks
- Your own ideas

AGRICULTURE



- AI tackles the labor challenge
- Analyze farm data
- Agricultural Robots
- Precision Farming with Predictive Analytics
- Autonomous Tractors
- Controlling Pest Infestations
- Soil and Crops Health Monitoring
- Forecasted Weather data
- Decrease pesticide usage
- Many more....

HEALTHCARE



- Managing Medical Records and Other Data
- Digital Consultation
- Virtual Nurses
- Drug Creation
- Health Monitoring
- Robot-assisted surgery
- AI Assistant for Administration and Workflow
- Automated Image Diagnosis
- Dosage Error Reduction
- Many more....

MANY MORE DOMAINS

