

AI for Emergency Response and Support System

Disaster Management

1. Satellite and drone image processing
2. Classification of land cover using ML
3. Classify areas into positive and negative recovery

Disaster Prediction

1. floods prediction
2. Storm and Rainfall prediction
3. Forecast flood risk, Cyclone
4. Earthquake forecast
5. Emotional Intelligence
6. Bridge Stature
7. Viral outbreak

In system resource Management

1. Fake calls classification
2. Call capacity improvement during a disaster
3. AI answers distress and helps calls
4. Reliable data communication
5. Data segregation
6. Data management

Disaster Relief

1. Crowd evacuation
2. forest fire
3. Classification of crowd situation
4. Determination of evacuation route

Monitoring applications

1. Power grid
2. Criminal activity
3. Healthcare
4. hazardous vehicle identification (flammable, gas, fuel)
5. Industry wastes

Emergency Response

1. Predictive Modelling of Ambulance Calls, Fire, Theft, Assault, Accident, family dispute, Vehicle theft, Abuse, Disrupted calls, Medical emergency

Emergency Rescue

1. Detecting flood areas using drones
2. Prevent crowd disasters using ML(SVM, Linear Regression)
3. Detecting damages to buildings