

# INTELLIGENT EMERGENCY RESPONSE

## Working in Partnership



The mission of the Cyprus Civil Defense is to manage disasters including prevention, preparedness, response, planning, education and mitigation of negative outcomes. Its vision is to enhance the protection of civilians, educate the population on prevention and response to disasters and consolidate basic rules on safety and self-protection. The goal is to assure the society is ready to contribute effectively to minimizing the risks and consequences of disasters.

### CHALLENGES

- Take prompt actions to minimize the consequences of disasters
- Adequately prepare staff, volunteers and conscripts for emergency response
- Early and effective response to emergencies
- Contingency planning for new natural and man-made threads
- Risk assessment/risk analysis

### RESEARCH

- Data analysis for risk and vulnerability assessment
- Decision making solutions that consider human and other resources
- Search and rescue technologies (e.g. victim localization/ extraction)
- Continuous communication and situational awareness in disasters

### IMPACT

- Ensure citizen safety and seamless functioning of the society
- Promptly respond to humanitarian and civil protection missions inland and abroad
- Avoid escalation of disasters and cascading effects

### INNOVATION

- Risk assessment algorithms
- Online dispatch and monitoring platforms for uninterrupted situational assessment
- Resource management supporting day-to-day operations including GIS solutions
- Customized solutions for search, rescue and safe evacuation



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