

Geospatial Infrastructure Management Ecosystem



GeoIME Inc.

<http://geoime.ca/>

We are a startup risk assessment software company

GeoIME = Reliable. Faster. Actionable Risk Management

“ Every US\$1 invested in risk reduction and prevention can save up to US\$15 in post-disaster recovery. ”

Every US\$1 invested in making infrastructure disaster-resilient saves US\$4 in reconstruction. ” (UNDRR, 2020)



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Objective

- Saving the lives of people and money of the governments,
- Develop disaster risk management software,
- To deliver the risk assessment from geospatial information technologies for disaster risk reduction,
- Determining vulnerability of Buildings and risk estimation,
- To build user-friendly platforms to support academicians, research & development, practitioners, professionals, decision-makers, organi-

Vision

- ♦ Working together to build a better environment and safer infrastructures for now and future generations.

Mission

- ♦ Empowering decision-makers for disaster management and emergency responses.
- ♦ Inspecting infrastructures such as buildings for determining vulnerability and risk estimation and deliver its complete reports and recommendations of pre- and post-disasters on asynchronous and synchronous cloud-based technologies.
- ♦ Analyzing and computing building structure for retrofitting, reinforcement, and safety management.
- ♦ Determining prioritization of building reinforcement, clustering of building safety and damage risk.

Inventor: Saied Pirasteh
Co-Funder & CEO: Saied Pirasteh

Geospatial Infrastructure Management Ecosystem (GeoIME)

Vulnerability and estimation of risk, retrofitting

What we do

- ♦ Developing Geo App/Web App/software for disaster loss reduction and management,
- ♦ Determining the vulnerability of infrastructures such as buildings/bridges and estimation of risk from on-site and in the office through to the web and cloud.
- ♦ Mapping & 3D modelling computer vision from images.

