



Toward to Disaster Mitigation Science

Yoshiyuki Kaneda (1,2), Wataru Shiraki (3), and Eiji Tokozakura (4)

(1) Nagoya University, Disaster Mitigation Research Center, Nagoya, Japan, (kaneda.yoshiyuki@i.mbox.nagoya-u.ac.jp), (2) Kagawa University, Takamatsu, Japan, (kanedayjp@yahoo.co.jp), (3) Kagawa University, Takamatsu, Japan, (shiraki@eng.kagawa-u.ac.jp), (4) Tokushima Bunri University, Tokushima, Japan, (tokozakura_eiji_1@pref.tokushima.lg.jp)

Destructive natural disasters such as earthquakes and tsunamis have occurred frequently in the world.

For the reduction and mitigation of damages by destructive natural disasters, early detection of natural disasters and speedy and proper evacuations are indispensable. And hardware and software preparations for reduction and mitigation of natural disasters are quite important and significant.

Finally, methods on restorations and revivals are necessary after natural disasters.

We would like to propose natural disaster mitigation science for early detections, evacuations and restorations against destructive natural disasters.

In natural disaster mitigation science, there are lots of research fields such as natural science, engineering, medical treatment, social science and literature/art etc.

Especially, natural science, engineering and medical treatment are fundamental research fields for natural disaster mitigation, but social sciences such as sociology, psychology etc. are very important research fields for restorations after natural disasters.

We have to progress the natural disaster mitigation science against destructive natural disaster mitigation in the near future.

We will present the details of natural disaster mitigation science.