

## Intisari

Kabupaten Karangasem yang terletak di ujung timur pulau Bali cukup sering terlanda gempa bumi. Kejadian gempa bumi di masa lalu telah menimbulkan kerugian baik nyawa maupun harta benda. Undang-undang Republik Nomor 24 Tahun 2007 tentang Penanggulangan bencana mengamanatkan kepada Pemerintah Daerah untuk melakukan upaya mitigasi bencana. Berdasarkan hal tersebut, konsep mitigasi bencana gempa bumi memegang peranan penting untuk meningkatkan kesiapan Pemerintah Kabupaten Karangasem menghadapi bencana gempa bumi.

Penelitian ini dilakukan untuk mengetahui pemahaman masyarakat dan tukang, tingkat risiko bangunan serta mengkaji sistem mitigasi bencana yang diterapkan oleh Pemerintah Kabupaten Karangasem dalam menghadapi bencana khususnya gempa bumi. Pemahaman masyarakat dan tukang digali dengan menyebarkan kuisioner dengan format pertanyaan tertutup. Pemeriksaan bangunan dilakukan dengan menggunakan formulir FEMA 154. Sistem mitigasi dikaji berdasarkan wawancara dengan pihak terkait dan studi dokumentasi. Data-data yang didapat selanjutnya dihubungkan dengan konsep mitigasi yang ada serta anggaran yang dirancang. Evaluasi selanjutnya dilakukan untuk mendapatkan gambaran tentang pengetahuan masyarakat, tukang, bangunan serta rekomendasi sistem mitigasi yang dapat diterapkan di Kabupaten Karangasem.

Hasil penelitian menunjukkan bahwa sebagian besar masyarakat Kabupaten Karangasem belum memahami potensi bahaya gempa bumi, seluruh tukang belum pernah mendapat pelatihan dan seluruh bangunan memiliki risiko tinggi jika terjadi gempa. Anggaran penanggulangan bencana yang di anggarkan harus ditingkatkan. Pemerintah Kabupaten Karangasem harus melakukan mengembangkan strategi mitigasi dengan melaksanakan berbagai program menyangkut sosialisasi, penyalarsan peraturan perundang-undangan, penguatan lembaga, peningkatan anggaran mitigasi dan pengembangan kerjasama dengan berbagai pihak yang berhubungan.

**Kata Kunci :** *Gempa Bumi, Mitigasi, Pemerintah Kabupaten Karangasem.*

### **Abstract**

Karangasem regency which is located in east of Bali island often enough knocked over an earthquake. Earthquake occurrences in the past have generated the good loss of soul and chattel. Indonesian Code Number 24 Year 2007 about Disaster Management commend the local government to conduct the disaster mitigation. Pursuant to the mentioned, conception of earthquake disaster mitigation are important to increase the readiness of Karangasem Regency Government to face the earthquake disaster

This research conducted to knew the understanding of society and building worker, risk level of building and also studied the system of disaster mitigation applied by Karangasem Regency Government to face the earthquake disaster. To get the knowledge of society and building worker researcher propagated some questionnaires with the closed format question. Building inspection did by FEMA 154 form. Mitigation system studied by interview with the related parties and documentation studied. The results of data were attributed to existing mitigation concept and also budget designed. Evaluation conducted to get the picture about society and building worker knowledge, risk level of buildings and also recommend the mitigation system to be applied in Karangasem regency

The result indicated that most society of Karangasem regency not yet comprehended the potency of earthquake danger, entire worker have never got the training and all buildings have the high risk of earthquake. Budget of disaster management which budgeted must increase. Karangasem Regency Government must develop the mitigation strategy by executes various program concern in public knowledge, law and regulation harmonization, reinforcement institute, increase the budget of mitigation and cooperation development by various part whose related.

**Keyword :** Earthquake, Mitigation, Karangasem Regency Government.