

## 1. INTRODUCTION

The huge earthquake with the magnitude 9.0 occurred in 26, December, 2004 at the offshore of north Sumatra. This earthquake generated the tsunami, which attacked Indonesia, Thailand, Sri Lanka, India, the Maldives, and some countries of east Africa. Because the damaged area is very large, almost the entire Indian Ocean, it is impossible that one survey team covers the whole damaged area. Thus, many survey teams were organized and conducted the post-tsunami surveys.

In the scientific meaning, the tsunami records in the Maldives seem important to understand the comprehensive image of the tsunami propagating the Indian Ocean, because this country locates in the center of the Indian Ocean, and the tsunami was expected to attack the Maldives without significant transform of waveform. In the engineering meaning, the Maldives is important because we can estimate the effect of seawall against tsunami by comparing Male' and the other island. Thus, our survey team was organized to investigate the damages and characteristics of tsunami in the Maldives. Based on the field examination on damages of infrastructures and facilities, a plan of restoration will be proposed to improve the safety level of the Maldives. In addition, the effective countermeasures against tsunami will be proposed, including a disaster education. For these purposes, the following examinations were conducted.

31 January: Arrival at Male'

1 February:

- (1) Meeting at Department of External Resources, Ministry of Foreign Affairs
- (2) Meeting at National Disaster Management Center
- (3) Meeting at Ministry of Transport and Civil Action
- (4) Meeting at Ministry of Environment and Construction
- (5) Site Survey in Male' to evaluate the inundation area

2 February:

Group A:

- (1) Meeting at the Maldives Airport Company Limited
- (2) Site Survey in Hulhule (Male' International Airport) and Hulhumale'

Group B:

- (1) Site Survey in Keyodhoo, in Felidhe (Vaavu) atoll
- (2) Site Survey in Muli, in Mulaku (Meemu) atoll
- (3) Site Survey in Ribudhoo, in South Nilandhe (Dhaalu) atoll
- (4) Site Survey in Gemendhoo, in South Nilandhe (Dhaalu) atoll

3 February:

Group A: Site Survey in Hittadhoo-Maradhoo-Feydhoo-Gan, in Addu (Seenu) atoll

Group B: Site Survey in Kaddhoo-Fonadhoo-Manndhoo-Gan, in Hadhdhunmathee (Laamu) atoll

Group C: Hanimaadhoo and Kulhudhuffushi, in South Thiladhunmadulu (Haa Dhaalu) atoll

4 February

(1) GroupA: Site Survey in Laguna Beach Resort, Vadoo Island Resort and Embudu Village, in South Male atoll

Group B: Site survey in Male'

(2) Final meeting at National Disaster Management Center

(3) Departure from Male'