

FOREWORD

Four years have passed since the Great East Japan Earthquake on March 11, 2011. After this huge disaster, countermeasures against the next disasters are progressing at both the national and local level. Following the lessons learnt from this disaster, the Disaster Countermeasures Basic Act and Basic Disaster Management Plan were revised at the national level. Considering these revisions, a lot of local governments are now revising their Local Disaster Management Plans and improving disaster prevention facilities. In the affected areas by the tsunami in the Tohoku region, community relocation projects are beginning based on the reconstruction plan. However, its speed is slower than expected. Rapid realization of the reconstruction plan in the future is expected.

We, the members of the Earthquake Resistant Structure Research Center (ERS) at IIS, the University of Tokyo are involved in various projects regarding the reconstruction plans in the affected area and revision of the current plans in the other area. We aim to contribute to the future safety of our society from the technical aspects.

In this volume of the ERS bulletin, 12 papers introducing the latest research results in our ERS group are included. After this volume, the bulletin will be published as CD-ROM and Web-based style.

Through the publication in Web-based style, we hope that more researchers and engineers could access the papers in the bulletins and these communications bring lively discussion in various fields.



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