

IISEE Newsletter No.42 22 July 2009

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[1] Renewal of IISEE website

The IISEE website provides up-to-date information in the fields of seismology, earthquake engineering, and earthquake disaster mitigation for ex-participants, researchers, engineers, and all visitors. The website was renewed recently. Please visit the following website.

<http://iisee.kenken.go.jp/>

We would like to ask you to link this website in the website of your organization.

'IISEE Net and Training' on the top page provides the following information:

Information Network of Earthquake Disaster Prevention Technologies (IISEE NET)

IISEE-UNESCO Lecture Notes

IISEE E-learning

Synopsis Database

'Earthquakes' on the top page provides the following information related to earthquakes and earthquake observations:

BRI Strong Motion Observation

Reports of recent earthquakes

Damaging earthquakes in the world

IISEE's CMTs, Aftershock

Distributions, Fault planes, and

Rupture processes for recent

large earthquakes in the world

Nobuo HURUKAWA

Director, IISEE

[2] Translation of IISEE-UNESCO Lecture Notes to local languages

The second session meeting of the IPRED (International Platform for Reducing Earthquake Disaster) was held together with UNESCO-IPRED-ITU workshop at Istanbul Technical University (ITU) in Turkey on 5-7 July 2009. In the meeting, the IISEE proposed how to deal with the request to translate IISEE-UNESCO Lecture Notes in local languages, and it was approved. It contains that the IPRED members and the UNESCO take responsibility for translation to their languages and other languages, respectively. For the detail, please refer to the guideline that will be carried on the IISEE website soon.

IISEE-UNESCO Lecture Notes Archive: <http://iisee.kenken.go.jp/lna/>

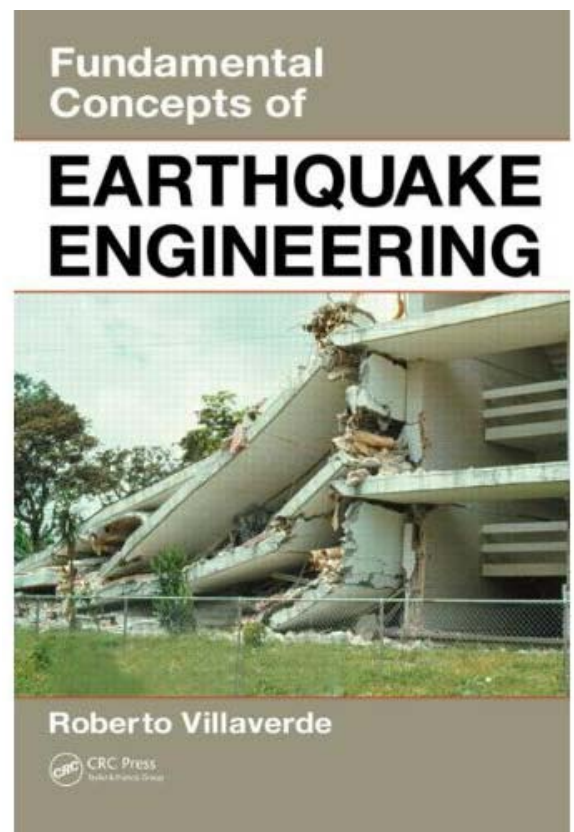
UNESCO-IPRED: <http://www.unesco-ipred.org/>

Shin KOYAMA

Chief Engineerer, IISEE

[3] Book Review: Fundamental Concepts of Earthquake Engineering

"Fundamental Concepts of Earthquake Engineering" presents the concepts, procedures, and code provisions that are currently being used to make structures as earthquake-resistant as is presently feasible. The book begins by describing the purpose, main aspects, and historical development of earthquake engineering and provides an overview of the type and extent of damage an earthquake can produce. It then introduces the concepts of seismology, the mechanisms of earthquake generation and propagation, and the difference between the various scales used to quantify the size of an earthquake and its potential to cause damage. The book also discusses the response spectrum and the different ways earthquake ground motions may be characterized and how local soil conditions may affect ground motion characteristics. Later chapters examine the design spectrum, conventional methods used to calculate the response of structures, soil-structure systems, and nonstructural



components to earthquake ground motions. The book also offers an introductory description of modern techniques for the protection of structures against earthquake effects.

Roberto Villaverde (1971-72E, Mexico)

[4] News of ex-participant's death

The sad news of ex-participant's death that we received is as follows.

Mr. Marcelo Horacio MILLAN (1982-83S, Argentina) passed away in 2008.

We pray sincerely for the repose of his soul. Also we are really grateful to the ex-participant who gave us information above.

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We send this IISEE Newsletter to ex-participants whose e-mail addresses are known. The IISEE send you new information actively and accept your contribution at any time. In order to enlarge our IISEE network, we'd like to ask you to invite your fellow ex-participants whose e-mail addresses are unknown to us to join us. We welcome your comments about the IISEE Newsletter. Please feel free to send us your comments and opinions.

Email: iiseenews@kenken.go.jp

website: <http://iisee.kenken.go.jp>

Newsletter Back Numbers: <http://iisee.kenken.go.jp/nldb/>
