

## 04 A Special Report on 2011 Great East Japan Earthquake

### 43 Feature Articles

#### The current status and the future vision of Japanese construction industry for future worldwide expansion

43 | Overview MIYATA Masashi, SAI Rie

44 | Article 1 The strategy for improving international competence in EU construction industry KUSAYANAGI Shunji

49 | Article 2 Promotion of Overseas Infrastructure Project through Public-Private Cooperation NANAMI Yoshiaki

53 | Article 3 Exporting Japanese system for social capital improvement could revitalize the construction industry?

SHIOZAKI Masataka, OZAWA Kazumasa, NAKAGOME Osamu, HOZAKI Yasuo, YAMAMOTO Takuro,

HIROSE Noriaki,

[COORDINATOR] FUKUMOTO Katsuji

64 | COLUMN Enhancement of Multinational Mind in Engineering MATSUOKA Takaya

66 | Article 4 Towards a National Strategy for Public Procurement HIROSE Munekazu

72 | Editors' Note MIYATA Masashi, SAI Rie

### 02 A Message from the New President

Practicing "Civil" Engineering in the Interest of Society YAMAMOTO Takuro

### 03 A Message from the Editor

KYOYA Takashi

### 30 PHOTO REPORTS

30 | Hong Kong West Drainage Tunnel for protect citizen from flooding in Hong Kong Island

UETAKE Hiroshi

32 | The long-awaited whole line opening to traffic of KITA-KANTO EXPWY SHIIMOTO Kenji

34 | Opening of the Nagoya Ring Road No.2 (Nagoya-Minami Junction ~ Takabari Junction) FUKUSHIMA Kunio

### 36 Meet Mr. Expert

No.79 (Nonprofit Organization) AOI-BIWAKO(formerly: Environment Co-operative Union Shiga), Director General Mr.MURAKAMI Satoru

### 38 Admiration of Civil Engineering Heritages by JSCE : Civil Engineering Heritage Sites Selection

No.83 KANEGASAKAZUIDO YOSHIDA Nagahiro

### 40 Student Report We did as they did in those days.

No.5 The traditional method of road construction (the 1st part) MATSUO Kojiro, TSUJIMOTO Tsuyoshi

### 42 Civil Engineer's Free Time

No.6 Production of a Noh Mask TAKEI Hidenori

### 73 Do You Know About Shinkansen?

No.5 Route selection and alignment MATSUHASHI Sadao

### 77 Topics

#### The 100<sup>th</sup> Anniversary of the Nihonbashi Bridge

77 | Overview KENZAKA Shigenori

78 | part 1 Preservation of the Nihonbashi Bridge and its Prospective Maintenance YODA Teruhiko

82 | part 2 Repair of surface of the Nihonbashi Bridge NAGATA Yoshihisa

84 | part 3 Activation of Town by Resident's Power NAKAMURA Taneo

### 86 Commentators' Views

86 | OSHIMA Kazuya

87 | FUJIMORI Yoshihiro

88 | SHUTO Nobuo

### 90 CE Reports

90 | The fruits of "with Dam ☆ Night", Resonating Event between Engineers and Dam fans on four nights KAWASAKI Hideaki, KITAGAWA Masao

93 | The Project for Nationwide Dissemination of Traditional Riverbank Protection Methods in Lao PDR TAKAGI Hiroshi, SHIMANO Toshiyuki

96 | How to consider residual risk in seismic design for most important structures such as nuclear power plants OTSUKA Hisanori