

Structure and Infrastructure Engineering

Maintenance, Management,
Life-cycle Design and Performance

Editor-in-Chief: Dan M. Frangopol

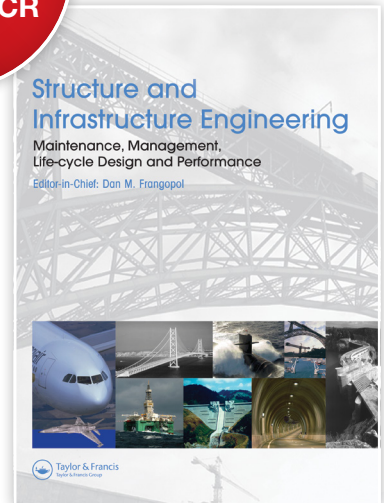


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Structure and Infrastructure Engineering

Maintenance, Management and Life-Cycle Design & Performance

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Mitsuyoshi Akiyama, Dan M. Frangopol & Motoyuki Suzuki

Multi-criteria decision-making model for whole life costing design
Nannan Wang

Integration of structural health monitoring in a system performance based life-cycle bridge management framework
Nader M. Okasha & Dan M. Frangopol

Life-cycle optimisation in earthquake engineering
Luis Esteva, Dante Campos & Orlando Diaz-López

A wireless structural monitoring system with embedded damage algorithms and decision support system
Anne S. Kiremidjian, Garo Kiremidjian & Pooya Sarabandi

Bridge network performance, maintenance and optimisation under uncertainty: accomplishments and challenges
Dan M. Frangopol & Paolo Bocchini

Fatigue tests on riveted steel elements taken from a railway bridge
Alessio Pipinato, Marco Molinari, Carlo Pellegrino, Oreste S. Bursi & Claudio Modena

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Liang Chang, Amr S. Elnashai & Billie F. Spencer Jr.

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