

ACADEMIC SHORT CV



Department of Civil and Environmental Engineering
The University of Tokushima
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NAME: Masayuki TSUKAGOSHI

CURRENT POSION: Assistant Professor of Building Materials

Academic Qualifications:

- 2009 D.E. Building Materials, Tokyo Institute of Technology
- 2005 M.E. Building Materials, Tokyo Institute of Technology
- 2003 B.E. Architecture, Tokyo Denki University

Membership and Committees:

- 2011 The Society of Materials Science, Japan
- 2011 Japan Concrete Institute
- 2011 Japan Society of Civil Engineers
- 2003 Architectural Institute of Japan

Present and recent interests of research:

- Durability and Maintenance of Building Materials

Research Publications:

Refereed Journal Articles:

- M. Tsukagoshi, M. Hiroyuki, T. Kyoji : Protective performance of polyurethane waterproofing membrane against carbonation in cracked areas of mortar substrate, Journal of Construction and Building Materials, Vol.36, pp.895-905, 2012.
- Y. Furusawa, H. Hashida, M. Tsukagoshi, K. Tanaka : Development of evaluation method of waterproofing membrane with air permeable sheet for blister prevention, Journal of structural and construction engineering, Vol.76, No.666, pp.1401-1406, 2011.
- L. Lingzhi, T. Kanno, M. Tsukagoshi, K. Tanaka : The effect of moisture environment on brightness of cement paste surface, Journal of structural and construction engineering Vol.75, No.655, pp.1595-1600, 2010.

Papers in Refereed Conference Proceedings:

- M. Tsukagoshi, T. Ueda, T. Kyoji : Decreases to the Carbon Dioxide Impermeability of Polyurethane Waterproof Membranes Caused by Weathering and Concrete Substrate Cracking, Numerical Modeling Strategies for Sustainable Concrete Structures, 2012.
- N. Masaki, M. Tsukagoshi, T. Ueda, K. Tanaka : A Cross-sectional Array of the Heterogeneous Distribution of the Constituent Elements in a Polymer-Cement Waterproofing Membrane, Proceedings of the Japan Concrete Institute, Vol.34, No.1, pp.1306-1311, 2012.
- M. Tsukagoshi, T. Kyoji : Microstructural Observation and Simulation of Polymer Cement Waterproofing Membrane, Proceedings of 6th International Conference on Advanced Materials Development and Performance, 2011.