

## ACADEMIC SHORT CV



Department of Civil and Environmental Engineering  
**The University of Tokushima**  
2-1 Minami-josanjima-cho, Tokushima 770-8506, Japan

**NAME:** Ryoichi YAMANAKA

**CURRENT POSION:** Associate Professor

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### Academic Qualifications:

- 2002 Ph.D. in Civil Engineering, Osaka University
- 1999 M.Eng. Marine System Engineering, Osaka Prefecture University
- 1997 B.Eng. Marine System Engineering, Osaka Prefecture University

### Membership and Committees:

- 2012 Japanese Association of Benthology
- 2010 Japan Association for Coastal Zone Studies
- 1999 Japan Society of Civil Engineers
- 1997 The Japan Society of Naval Architects and Ocean Engineers

### Present and recent interests of research:

Hydrodynamics, Ecological System, Anthropogenic impact assessment and Ecological Mitigation Technology in Estuarine. Tsunami Disaster Mitigation.

### Research Publications:

#### Selected Refereed Journal Articles in Recent Years:

1. Yasunori Kozuki, Ryoichi Yamanaka, Matsushige Maya, Sato Azusa, Otani Sosuke and Tatsunori Ishida : The after-effects of hypoxia exposure on the clam *Ruditapes philippinarum* in Omaehama beach, Japan, *Estuarine, Coastal and Shelf Science*, Vol.116, pp.50--56, 2013.
2. Ryoichi Yamanaka, Yasunori Kozuki, Fumiko Nogami, Koichiro Uotani, Machi Miyoshi and Kotaro Goto : Impact of Water Quality Variation on Mussel Drop Off and Adhesion Characteristic, *Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering)*, Vol.68, No.2, pp.1206--1210, 2012. (in Japanese)
3. Ryoichi Yamanaka, Yasunori Kozuki, Hironori Okegawa, Kosei Sawada, Mari Maeda, Yasuhiro Kutsukake, Sumio Hirai and Keisuke Isshiki : Development of water quality improve technique for the water improvement channel using LED light at night in Amagasaki Canal, *Journal of Japan Society of Civil Engineers, Ser. B2 (Coastal Engineering)*, Vol.68, No.2, pp.1166--1170, 2012. (in Japanese)

### Papers in Refereed Conference Proceedings:

1. Ryoichi Yamanaka, Machi Miyoshi, Yasunori Kozuki, Fumiko Nogami, Tatsunori Ishida, Natsumi Yamaguchi, Chihiro Tanaka, Hidemasa Matsumoto and Kotaro Goto : Impact of Water Quality Variation on Mussel (*Mytilus galloprovincialis*) Biomass in Semi-enclosed Port, *Proceedings of the Twenty-first (2011) International Offshore and Polar Engineering Conference*, pp.853--858, Jun. 2011.