

ACADEMIC SHORT CV



Department of Civil and Environmental Engineering
The University of Tokushima
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NAME: Yoichi Kawaguchi

CURRENT POSION: Associate Professor of Ecosystem Management

Academic Qualifications:

- 2000 D.E. Science and Technology, Niigata University
- 1995 M.E. Forestry, Niigata University
- 1993 B.E. Forestry, Niigata University

Membership and Committees:

- 2002 Japan Society of Civil Engineers
- 2000 Ecology and Civil Engineering Society
- 1994 The Ecological Society of Japan

Present and recent interests of research:

- Effect of Global warming and anthropogenic impact on aquatic ecology
- Restoration

Research Publications:

Refereed Journal Articles:

Itukushima, R., Shimatani, Y. & Kawaguchi, Y. The effectiveness of delineating ecoregions in the Kyushu region of Japan for establishing environmental indicators. *Landscape and Ecological Engineering*, 9:27-46, 2013, 2

Sato, M., Kawaguchi, Y., Yamanaka H., Okunaka T., Nakajima, J., Mukai, T., Shimatani, Y., Mukai T. & Onikura, N. Predicting the spatial distribution of the invasive piscivorous chub (*Opsariichthysuncirostris uncirostris*) in the irrigation ditches of Kyushu, Japan: a tool for the risk management of biological invasions. *Biological Invasions*. 12:3677-3686, 2010, 11
DOI: 10.1007/s10530-010-9762-3

Nagayama, S., Kawaguchi, Y., Nakano, D. & Nakamura, F. Summer Microhabitat Partitioning by Different Size Classes of Masu Salmon (*Oncorhynchus masou*) in Habitats Formed by Installed Large Wood in a Large Lowland River, *Canadian Journal of Fisheries and Aquatic Sciences*, 66: 42-51, 2009, 2

Takao, A., Kawaguchi, Y., Kayaba, Y., Minagawa, T. & Morimoto, Y. The relationship the benthic macroinvertebrates and biotic and abiotic environmental characteristics downstream of Yahagi dam, central Japan, and the state change through a tributary inflow, *River Research and Applications*, Vol. 24, pp 580-597, 2008, 2

Kawaguchi, Y., Taniguchi, Y. & Nakano, S. Terrestrial invertebrate inputs determine the

local abundance of stream fishes in a forested stream, *Ecology*, vol. 84(3), pp. 701-708, 2003, 3

Kawaguchi, Y. & Nakano, S. Contribution of terrestrial invertebrates to the annual resource budget for salmonids in forest and grassland reaches of a headwater stream, *Freshwater Biology*, vol. 46 (3), pp. 303-316, 2001, 3

Papers in Refereed Conference Proceedings:

Kawaguchi, Y., Saiki, M., Mizuno, T. & Kayaba, Y. Effects of different bank types on aquatic organisms in an experimental stream: contrasting vegetation with concrete revetment, *Verh. Internat. Verein. Limnol.*, vol. 29, pp 1427-1432, 2006, 3

Kawaguchi, Y., Okamoto, M., Kasai, M., Okamoto, T., Osanai, K., Iwase, H. & Edo, K. Improvement of a weir for Sakhalin taimen (*Hucho perri*) migration in the Sarukotsu River, northern Japan. *Proceeding of Wild Trout IX symposium*, pp 138-142, 2007, 10