






MASAYA KATOH

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EDUCATION

-  B. Sc. (Marine Sciences),
University of the Ryukyus
-  M. Sc. (Marine Sciences),
University of the Ryukyus
-  Ph.D. (Zoology),
Louisiana State University

DATE OF EMPLOYMENT

1 April 2019

PRESENT POSITION

Deputy Chief
SEAFDEC/MFRDMD

FIELD OF RESEARCH

- Molecular Ecology of commercial important aquatic species.
- Internationally important issues in Fisheries, such as combating IUU fishing, access and benefit sharing and CITES listing.

RESEARCH ACTIVITY

Job history 1

(April 2015-March 2019)

Director, Research Center for Bioinformatics and Biosciences (formerly RC for Aquatic Genomics) NRIFS, Japan Fisheries Research and Education Agency (FRA)

- Projects: eDNA studies for bacteria, planktons, finfish and shellfish; whole-genome studies of eel and grouper species; aquaculture of rainbow trout and red algae; international fisheries management of Pacific saury

Job history 2

(April 2010 – March 2015)

Deputy Chief, SEAFDEC/MFRDMD

- Projects: Tagging and genetics of small pelagic fishes; combating IUU fishing; population genetics of sea turtles; DNA bar-coding of shark and ray species

Job history 3

(April 2009 – March 2010)

Chief, Planning and Coordination Section, SNFRI, FRA

- Administrative services at the institute including aquaculture of bluefin tuna and eel

Job history 4

(April 2004 - March 2009)

Chief, Aquaculture and Resources Enhancement Section, Ishigaki Tropical Station, SNFRI, FRA

- Projects: Physiology and ecology of commercially important shellfish, finfish and algae in coral reefs and mangrove swamps

PUBLICATION

1. Yasuie M, Nishiki I, Iwasaki Y, Nakamura Y, Fujiwara A, Shimahara Y, Kamaishi T, Yoshida T, Nagai S, Kobayashi T, **Katoh M**. 2017. Analysis of the complete genome sequence of *Nocardia seriolae* UTF1, the causative agent of fish nocardiosis: The first reference genome sequence of the fish pathogenic *Nocardia* species. *PLoS One* 12(3): e0173198.
2. Nishiki, I., Oinaka, D., Iwasaki, Y., Yasuie, M., Nakamura, Y., Yoshida, T., Fujiwara, A., Nagai, S., **Katoh, M.** and Kobayashi, T. 2016. Complete Genome Sequence of Nonagglutinating *Lactococcus garvieae* Strain 122061 Isolated from Yellowtail in Japan. *Genome Announcements*, 4(4): e00592-16.
3. Abdul Razak L., Mazalina A., Ali A. and **M. Katoh**. 2016. Boosting national mechanisms to combat IUU fishing: dynamism of the Southeast Asian fisheries sector. *Fish for the People* 14(1): 36-43.
4. Joseph, J, H. Nishizawa, W.M Arshaad, S.A.S. Kadir, S.A. Jaaman, J. Bali, N.A. Jamaludin, **M. Katoh**. 2016. Genetic stock compositions and natal origin of green turtle (*Chelonia mydas*) foraging at Brunei Bay. *Global Ecology and Conservation* 6: 16–24.
5. Abu Talib A., **M. Katoh**, Abdul Razak L. and Raja Bidin R. H. 2013. Tagging Program for Economically Important Small Pelagic Species in the South China Sea and Andaman Sea: Regional Project Terminal Report. SEAFDEC/MFRDMD/SP/23 515 pp.
6. Gonzales, T.T., **M. Katoh**, M.A. Ghaffar and A. Ishimatsu. 2011. Gross and fine anatomy of the respiratory vasculature of the mudskipper, *Periophthalmodon schlosseri* (Gobiidae: Oxudercinae). *Journal of Morphology* 272: 629-640.
7. Okumura, Y., T. Kimura, H. Yokouchi, M. Meneses-Osorio, **M. Katoh**, T. Matsunaga and H. Takeyama. 2010. Isolation and characterization of GDSL esterase from the metagenome of a marine sponge-associated bacteria. *Marine Biotechnology* 12: 395-402.
8. Yamanoue, Y., M. Miya, K. Matsuura, **M. Katoh**, H. Sakai and M. Nishida. 2008. A new perspective on phylogeny and evolution of tetraodontiform fishes (Pisces: Acanthopterygii) based on whole mitochondrial genome sequences: Basal ecological diversification? *BMC Evolutionary Biology* 8(212): 1-12.