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EDUCATION

- B. Sc. (Marine Sciences), University of the Ryukyus, Okinawa, Japan
- M. Sc. (Marine Sciences), University of the Ryukyus, Okinawa, Japan
- Ph.D. (Zoology), Louisiana State University, Baton Rouge, USA

PRESENT POSITION

- Deputy Chief

RESEARCH ACTIVITY

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

RESEARCH EXPERIENCE

(April 2015-March 2019)

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

(April 2010 - March 2015)

Deputy Chief, SEAFDEC/MFRDMD

(April 2009 - March 2010)

Chief, Planning and Coordination Section, SNFRI, FRA

(April 2004 - March 2009)

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

LIST OF PUBLICATION

1	Mazalina A., M. Katoh and K. Saraphaivanich. 2020. Towards Guaranteed Traceability of Fish and Fishery Products from Southeast Asia: the ASEAN Catch Documentation Scheme. <i>Fish for the People</i> 18(3): 13-18.
2	Katoh, M. 2020. Malaysia & Japan: Challenging Tasks in Southeast Asia for Researchers. In: Li, Y & Namikawa, T. (Eds.) <i>In the Era of Big Change: Essays about Japanese Small-Scale Fisheries</i> . TBTI Global Publication Series, St. John's, NL, Canada.
3	Mohammad-Faisal, M. S., Wahidah, M. A., Raja-Bidin R.H., Katoh, M. , Abdul-Razak, L., Nurul-Nadwa, A. F. and Khairiah, J. 2019. Project Terminal Report : “Comparative Studies on the Management of Purse Seine Fisheries in the Southeast Asian Region.” Kuala Lumpur, Malaysia. SEAFDEC/MFRDMD/SP/45. 350 pp.
4	Yasuike 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 <i>Nocardia seriolae</i> UTF1, the causative agent of fish nocardiosis: The first reference genome sequence of the fish pathogenic <i>Nocardia</i> species. <i>PLoS One</i> 12(3): e0173198.
5	Nishiki, I., Oinaka, D., Iwasaki, Y., Yasuike, M., Nakamura, Y., Yoshida, T., Fujiwara, A., Nagai, S., Katoh, M. and Kobayashi, T. 2016. Complete Genome Sequence of Nonagglutinating <i>Lactococcus garvieae</i> Strain 122061 Isolated from Yellowtail in Japan. <i>Genome Announcements</i> , 4(4): e00592-16.
6	Abdul Razak L., Mazalina A. and M. Katoh. 2016. Boosting national mechanisms to combat IUU fishing: dynamism of the Southeast Asian fisheries sector. <i>Fish for the People</i> 14(1): 36-43.
7	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 (<i>Chelonia mydas</i>) foraging at Brunei Bay. <i>Global Ecology and Conservation</i> 6: 16–24.
8	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.
9	Gonzales, T.T., M. Katoh , M.A. Ghaffar and A. Ishimatsu. 2011. Gross and fine anatomy of the respiratory vasculature of the mudskipper, <i>Periophthalmodon schlosseri</i> (Gobiidae: Oxudercinae). <i>Journal of Morphology</i> 272: 629-640.
10	Okumura, Y., T. Kimura, H. Yokouchi, M. Meneses-Osorio, M. Katoh , T. Matsunaga and H. Takeyama. 2010. Isolation and characterization of GDSE esterase from the metagenome of a marine sponge-associated bacteria. <i>Marine Biotechnology</i> 12: 395-402.
11	Kurihara, T., R. Fuseya, M. Katoh and K. Inoue. 2010. Possibility of self-fertilization during hatchery culturing of giant clam, <i>Tridacna crocea</i> . <i>Plankton and Benthos Research</i> 5: 11 – 16.

12	Yamanoue, Y., M. Miya, K. Matsuura, H. Sakai, M. Katoh and M. Nishida. 2009. Unique patterns of pelvic fin evolution: A case study of balistoid fishes (Pisces: Tetraodontiformes) based on whole mitochondrial genome sequences. <i>Molecular Phylogenetics and Evolution</i> 50: 179 – 189.
13	Gonzales, T.T., M. Katoh and A. Ishimatsu. 2008. Respiratory vasculatures of the intertidal air-breathing eel goby, <i>Odontamblyopus lacepedii</i> (Gobiidae : Amblyopinae). <i>Environmental Biology of Fishes</i> 82: 341 – 351.
14	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? <i>BMC Evolutionary Biology</i> 8(212): 1-12.
15	Gonzales, T.T., M. Katoh and A. Ishimatsu. 2008. Intertidal burrows of the air-breathing eel goby, <i>Odontamblyopus lacepedii</i> (Gobiidae : Amblyopinae). <i>Ichthyological Research</i> 55: 303 – 306.
16	Yamanoue, Y., M. Miya, K. Matsuura, N. Yagishita, K. Mabuchi, H. Sakai, M. Katoh and M. Nishida. 2007. Phylogenetic position of tetraodontiform fishes within the higher teleosts: Bayesian inferences based on 44 whole mitochondrial genome sequences. <i>Molecular Phylogenetics and Evolution</i> 45: 89 – 101.
17	Gonzales, T.T., M. Katoh and A. Ishimatsu. 2006. Air breathing of aquatic burrow-dwelling eel goby, <i>Odontamblyopus lacepedii</i> (Gobiidae : Amblyopinae). <i>Journal of Experimental Biology</i> 209: 1085 – 1092.
18	Yamanoue, Y., M. Miya, K. Matsuura, M. Katoh, H. Sakai and M. Nishida. 2004. Mitochondrial genomes and phylogeny of the ocean sunfishes (Tetraodontiformes : Molidae). <i>Ichthyological Research</i> 51: 269 – 273.
19	Katoh, M. and K. Hashimoto. 2003. Genetic similarity of outbreak populations of crown-of-thorns starfish (<i>Acanthaster planci</i>) that were 15 years apart in Okinawa, Japan. <i>Coral Reefs</i> 22: 178 – 180.
20	Katoh, M. and M. Kobayashi. 2003. Aquaculture and genetic structure in the Japanese eel <i>Anguilla japonica</i> . <i>Ecology of Aquaculture Species and Enhancement of Stocks. Proceedings of the Thirtieth U.S. - Japan Meeting of Aquaculture</i> . Sarasota, Florida, 3-4 December. UJNR Technical Report No. 30. Sarasota, FL: Mote Marine Laboratory 87 – 92.
21	Nishikawa, A., M. Katoh and K. Sakai. 2003. Larval settlement rates and gene flow of broadcast spawning (<i>Acropora tenuis</i>) and planula brooding (<i>Stylophora pistillata</i>) corals. <i>Marine Ecology Progress Series</i> 256: 87 – 97.
22	Takada, Y, T. Kosuge, S. Nishihama and M. Katoh . 2002. Vertical distributions of <i>Atactodea striata</i> and <i>Latona faba</i> (Bivalvia) on a subtropical sandy beach in Ishigaki Island, Japan. <i>Venus</i> 61: 203 – 213.
23	Katoh, M. and M. Tokimura. 2001. Genetic and morphological identification of <i>Sebastiscus tertius</i> in the East China Sea (Scorpaeniformes : Scorpaenidae). <i>Ichthyological Research</i> 48: 247 – 255.
24	Kurihara, T., T. Kosuge, M. Kobayashi, M. Katoh and K. Mito. 2001. Spatial and temporal fluctuations in densities of gastropods and bivalves on subtropical cobbled shores. <i>Bulletin of Marine Science</i> 68: 409 – 426.