

KATO Yasuhiro

Position/Department/Division/Institution/Organization

Vice Dean / Professor, School of Engineering, The University of Tokyo

Country

Japan

Career history

- 2020. 4 – Vice Dean, School of Engineering, The University of Tokyo
- 2017. 4 – Director, Ocean Resources Research Center for Next Generation, Chiba Institute of Technology (concurrent post)
- 2012. 4 – Professor, School of Engineering, The University of Tokyo
- 2000.5 – 2012. 3 Associate Professor, School of Engineering, The University of Tokyo
- 1999. 3 – 1999. 4 Monbusyo (MEXT) Fellowship Program for Japanese Scholars and Researchers to Study Abroad, The University of Cambridge
- 1997. 5 – 1997. 10 Monbusyo (MEXT) Fellowship Program for Japanese Scholars and Researchers to Study Abroad, Harvard University
- 1991. 11 – 2000. 4 Assistant Professor, Faculty of Science, Yamaguchi University

Awards/Publications

- The Rare Earth Society of Japan Award (Shiokawa Award) for 2019 (2019)
- 2018 Nikkei Global Environmental Technology Awards (The Grand Prize) (2018)
- Takaya, Y., Kato, Y.*, et al.: The tremendous potential of deep-sea mud as a source of rare-earth elements. *Scientific Reports* **8**, 5763; doi:10.1038/s41598-018-23948-5 (2018)
- Kato, Y.* et al.: Deep-sea mud in the Pacific Ocean as a potential resource for rare-earth elements. *Nature Geoscience* **4**, 535-539; doi: 10.1038/ngeo1185 (2011)

(*corresponding author)

Areas of expertise

Resource Geology, Resource exploration, Global material cycle, Global environmental science, Carbon dioxide Capture and Storage, Earth System Evolution