

Naohiro Yoshida

*Earth-Life Science Institute,
Tokyo Institute of Technology, Tokyo and Yokohama*

Naohiro Yoshida is a Professor at the Dept. of Chemical Science and Engineering, and also a Principal Investigator (PI) of Earth-Life Science Institute, Tokyo Institute of Technology, Tokyo and Yokohama. He is one of the leading biogeochemists in the field of global environmental analysis with isotopes of bioelements. He has introduced isotopomers and isotopologues, with Position Specific Isotope Abundance Analysis, Mass Independent Fractionation, and Multiple Isotope Substitution, as innovative tracers for material cycles in various environment from deepest oceans to the upper atmosphere. As PI, he has conducted many largest projects, national and international, to reduce uncertainties regarding the biological, chemical, physical, and anthropogenic source and sink processes of environmental molecules especially global warming related species, and the origin of life and the Earth as well. He has supervised over 100 graduate students including 30 PhDs. He has published over 240 papers including 8 published in Nature and Science, 14 patents, 30 book chapters, edited 6 books, been honored for many prizes, and been invited for keynote talks in various international scientific conferences. He is the President of International Symposium of Isotopomers, one of the Science Advisory Panel members of GEO-6, UNEP, and one of SSC members for the international affairs of Japan Society for the Promotion of Science. When he was the President of Geochemical Society of Japan (GSJ), the Goldschmidt Conference 2016 was decided to be in Yokohama, and the MOUs among Geochemical Society, European Association of Geochemistry, and GSJ were signed by the counterpart presidents and him.