

## Short Biography

Masako KATO

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Masako Kato was born in Aichi prefecture, Japan in 1956. She was graduated from Department of Chemistry, Nagoya University in 1979, and received her Ph.D. degree in 1986 from Nagoya University. After she worked at Institute for Molecular Science and Kyoto University, she joined Department of Chemistry at Nara Women's University as an assistant professor in 1989 and was promoted to an associate professor in 1996. During 1998–2001, she was also engaged in PRESTO research, JST, Japan. Since 2006, she has been a professor at Faculty of Science, Hokkaido University. In 2017, she has also been designated as Chair of the Committee on Chemistry, Science Council of Japan (SCJ). In 2019, She was appointed as a distinguished professor of Hokkaido University.

Her research interests are the construction of photofunctional metal complexes and metal-organic composites, and the elucidation of their properties including luminescence, photo-reactivity, and sensing functionalities based on the structural transformation. In 2017, she has started a new project as the area leader of Scientific Research on Innovative Areas, “Soft Crystals: Science and photofunctions of flexible response systems with high order”, Grants-in-Aid for Scientific Research, KAKENHI, Japan.