

Professor Sosuke Kondo

Dr. Kondo is Associate Professor in the research area of Nuclear Materials Engineering at Institute of Materials Research (IMR), Tohoku University since 2018. He also teaches material science at the Department of Quantum Science and Energy Engineering of Tohoku University. Previously, he held positions as Program Specific Associate Professor (2017-2014) and Assistant Professor (2009-2014) at Institute of Advanced Energy, Kyoto University and as Postdoctoral fellow (2006-2009) under the Postdoctoral Research Associates Program in the Oak Ridge National Laboratory (ORNL). He received his Ph.D. in energy science from the Kyoto University in 2006. He has published a number of journal articles on the irradiation effects of silicon carbide (SiC) since 2002 and frequently provides invited lectures and talks on that at the international conferences related to nuclear materials. Much of his recent work has focused on irradiation effects on the hydrothermal corrosion of SiC, in particular why the corrosion reaction is accelerated under irradiation and how to protect the surface.

