

# *Message from the President*

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*President Toshio KODAMA*



We sincerely thank you for your understanding and continued support of our research and development (R&D) activities. This publication has been issued annually since the foundation of the Japan Atomic Energy Agency (JAEA), with the intention of informing you of the agency's day-to-day accomplishments.

JAEA is the sole comprehensive R&D institute dedicated to nuclear energy in Japan, and our mission is to contribute to the welfare and prosperity of human society through nuclear science and technology. In accordance with our 3rd medium- and long-term goals set in April 2015, we are working on R&D. JAEA aims to contribute to nuclear science and technology through active cooperation with industries and universities, with maximizing our R&D achievements with a focus on the following our priority fields. In particular, JAEA has focused on issues such as the response to the accident at the Fukushima Daiichi Nuclear Power Station operated by the Tokyo Electric Power Company Holdings, Inc., the research for safety improvement in the field of nuclear energy, R&D toward the establishment of nuclear fuel cycle technology such as fast reactors and reprocessing, and the development of technology for the treatment and disposal of radioactive waste. In addition, to support these R&D and create new technologies, we have implemented nuclear science research and human resources development.

This publication introduces representative results achieved through JAEA's R&D activities. A part of quantum beam science research and nuclear fusion research development were taken over to the National Institutes for Quantum and Radiological Science and Technology established in April 2016. The research results in these fields achieved before the transfer and integration, are posted in this issue.

We are pleased that you will gain further understanding of JAEA's accomplishments through this publication, and we expect your continued encouragement and guidance in our R&D activities.