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This special issue of the Japan Agricultural Research Quarterly (JARQ) contains a selection of papers related to the “Economic Evaluation of Agricultural Mitigation and Adaptation Technologies for Climate Change” project carried out by the JIRCAS and sponsored by the Agriculture, Forestry, and Fisheries Research Council (AFFRC) of the Ministry of Agriculture, Forestry, and Fisheries of Japan (MAFF, Japan). Climate change effects on food production and related industries are also evaluated in this special issue.

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