

INTERNATIONAL COLLABORATION FOR CONSERVATION AND UTILIZATION OF PIG RESOURCES -SATREPS ACTIVITY IN VIETNAM-

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Pig genetic resources in local regions have been in dangerous situation because their numbers of breeds and individuals are reducing dramatically after the introduction of commercial breeds for expecting high productivity. For overcoming these situations, intense activities such as cryobanking of gametes, gonadal tissues and early-stage embryos of rare (endangered) breeds are necessary. For example in Japan, our organization, of which name was National Institute of Agrobiological Sciences, had established a Genebank Project with the financial support from the Ministry of Agriculture, Forestry and Fisheries, Japan. On the other hand, sustainable utilization of pig genetic resources will help the advanced conservation of pig genetic resources at low cost. However, in some cases in countries having rare pig breeds, system of the conservation and utilization of genetic resources have not fixed yet; in other words, international collaboration between these types of countries is now necessary. We are now carrying out one project called Science and Technology Research Partnership for Sustainable Development (SATREPS)* project entitled “Establishments of cryobank system for native pig resources and of sustainable production system” between Japan and Vietnam. In the present symposium, we would like to introduce general outline of this project.

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<https://www.jst.go.jp/global/english/index.html>.

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