<table>
<tr><td></td><td colspan="5">- The use of resource-recovery processes from livestock manure is thought to reduce greenhouse emissions by 35%
◯ Investigation of microbial diversity in livestock manure
- Bacteroidetes, Firmicutes and Proteobacteria were dominant phyla
- The abundance of Bacteroidetes was reduced by aeration</td></tr>
<tr><td>Expected Contribution</td><td colspan="5">◯ Using Tier 2 method for National Inventory Report for livestock sector
◯ Improving and enhancing greenhouse gas emission evaluation
◯ Low carbon livsetock product evaluation
◯ Prediction of the characteristics of greenhouse gas emissions based on development of livestock facilities</td></tr>
<tr><td>Keywords</td><td>climate change</td><td>greenhouse gas</td><td>CH_4</td><td>N_2O</td><td>Swine</td></tr>
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