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The Plan for Safety Management of Living Modified Organisms used in Experiment and Research

Kyung-Hwa Choi¹, Yongho Kim¹, Sang-Weon Bang²,
Hwan-Mook Kim³, Kyounghee Oh¹

¹Biological Resources Division, National Institute of Environment Research(NIER), Kyongseo-dong, Seo-gu, Incheon 404-170, Korea.

²Environmental Response & Remediation Division, Korea Environment Insititute(KEI), Bulgwang-dong, Eunpyeong-gu, Seoul 122-706, Korea, ³Bioevaluation Center, Korea Research Institute of Biosceince & Biotechnology(KRIBB),

Oun-dong, Yuseong-gu, Daejeon 305-333, Korea

Objectives

Based on the 「Transboundary Movements of Living Modified Organisms Act」, one who develops or imports LMOs shall obtain approval from the government authority. This purpose of present study introduce the plan for safety management of LMOs used in experiment and research.

Materials and Methods

We have collected the data for this presentation and as followed ; laws, papers, reports, consensus document and so forth. The data collection is mainly used internet.

Results and Discussion

In order to secure the 「Cartagena Protocol on Biosafety」, 「Transboundary Movements of Living Modified Organisms Act」 was enacted on March 28, 2001. According to the act, the head of related central government authority shall make plan for safety management of LMOs within its jurisdiction every 5 year, and annual plan for the detailed enforcement to implement this.

The Ministry of Science and Technology(MOST) is responsible for the safety assurance of LMOs for experimental use. Securing the safety in working areas such as laboratory and other research facilities is one the major role for the MOST.

The LMOs safety management plan of MOST consist of items as followed. Guideline for experiment, research of current state, budget for building management system, risk assessment of LMOs, public relations.