

建設分野におけるダイオキシン類汚染土壌対策・廃棄物発生抑制技術の開発 (新規)

Research and Technological Development for the Prevention of Dioxin Contamination and the Waste Reduction in the Construction Industry (New)

近年、わが国では、極微量でも高い毒性を持つといわれているダイオキシンによる土壌汚染が大きな社会問題となっており、建設事業においても、工事実施段階でダイオキシンに汚染された地盤に遭遇する場合が想定される。

一方、木造建築物の解体除却時に発生する廃棄物量は年々増加する傾向にあ

り、木造建築物における再資源化と資源循環化を促し、建築活動そのものから発生する廃棄物量を抑制する新しい技術と仕組みに対する社会的な要望が強い。

本プロジェクトでは、地盤・河川水質・底質などにおける、ダイオキシンの調査分析手法の検討を行い、汚染経路の遮断・二次汚染拡散防止対策技術の開

発、ダイオキシン対応マニュアルの作成を行う。また、木造住宅等の解体除却時における廃棄物発生抑制について、設計・計画段階で配慮した木造構工法の開発、技術指針、設計施工マニュアル等の作成を行う。

In recent years in Japan, soil contamination by dioxin, which is highly toxic even in infinitesimal amounts, has become a serious social problem. In the construction projects, it must be taken account for to encounter contaminated sites by dioxin under construction.

The volume of the waste generated in the process of dismantling wooden buildings is increasing yearly. It is quite necessary to promote the recycle and re-use of the resources consumed in the process of building wooden structures. And new systems and technologies that enable the reduction of the volume of the waste generated in the building activities are also strongly required.

This project deals with the appropriate methods for the examination and analysis of dioxin in the construction projects, for example ground, river water, and river beds. It will develop technology for the prevention of the secondary contamination expense during construction work, for example intercepting the path of contamination. Finally, the project proposes the manual in case of encountering dioxin. On the other hand to reduce the waste products in the process of dismantling wooden buildings, the project will develop new construction methods, formulate technical guidelines and compile design and building manuals.

汚染土壌対策、廃棄物発生抑制技術の開発

Measures for soil pollution and development of technology for curbing waste



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