

## **Final disposal – environmental safety analyses**

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Safety analyses for final disposal include environmental considerations such as dose to humans and other biota. This requires extensive knowledge about the environment at the disposal site and processes determining the transfer and accumulation of radionuclides in the environment. This is achieved with site investigations, and ecological models. Thereafter site specific dose models can be developed. This poster aims at describing important processes of a safety analysis of the environment from site selection, site investigations, application, construction, operation and closure. We are using examples from the work performed by SKB, during safety analysis for a repository for spent nuclear fuel, covering site investigations, site selection and application.

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