

Abstract

In this dissertation author has presented the research of environmental aspects of oil and gas field development impact on soils and land resources.

The explanatory note contains analytical review of oil and gas industry current state and its environmental problems, regulatory framework analysis, field development characteristic, assessment of soil and land resources ecological condition before geological exploration works and its current state, analysis of qualitative and quantitative impact of pollution sources on soils and land resources, theoretical and experimental studies of oil and oil products penetration dependence into soil, analysis of available methods and means for oil contaminated soil utilization with recommendations for choosing a particular method and process unit.