

# Climate-change adaptations in land-use planning; a scenario-based approach

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## Abstract

Socio-economic and climatic changes are expected to alter the current land-use patterns in the Netherlands. In order to study these uncertain developments and propose adaptation and mitigation strategies to cope with the possible changes in the physical and societal environment a set of future scenarios is developed. These scenarios integrate possible socioeconomic and climatic changes and are used in the *Land Use Scanner* model to simulate future land-use patterns. Based on these simulations sector-specific adaptation and mitigation measures are developed in related research projects as will be described in this paper.

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