Validation of the Dutch Land Use MOdelling System (LUMOS)

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The Land Use MOdelling System is being developed at the Netherlands Environmental Assessment Agency and integrates developments on Environment Explorer and Land Use Scanner. The Environment Explorer is a CA-based land use model, the Land Use Scanner a logit based. Both models have been validated on land use developments of the Netherlands from 1996 to 2000. Previous to the validation the Environment Explorer has been calibrated extensively over the period 1989-1996. Whereas for the application of the Land Use Scanner only a quick setup based on expert judgment was developed. In this presentation the calibration and validation of both models will be discussed.