

## **A Dynamic Model for Multi-Criteria Resource Allocation at the Finnish Road Administration**

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*Abstract:* Resource allocation decisions in road management have far-reaching impacts on asset values and future service levels. We present an award-winning decision model to help senior managers at the Finnish Road Administration allocate limited appropriations among different kinds of road products. The model gives budget ranges for each product for a 30-year period, based on annual deterioration of asset values, use of incomplete preference information, and computation of optimal maintenance portfolios.

*Keywords from the list in the on-line abstract submission form:* multi-criteria decision making, decision support systems, resource allocation.