Transport policy and behaviour
Department of Management Engineering - Associate Professor
Management Science

Publications:

COPE-SMARTER - A decision support system for analysing the challenges, opportunities and policy initiatives: A case study of electric commercial vehicles market diffusion in Denmark
Barfod, M. B., Kaplan, S., Frenzel, I. & Klauenberg, J. 2016 In : Research in Transportation Economics. 55, p. 3-11
Publication: Research - peer-review › Journal article – Annual report year: 2016

Modeling Group Perceptions Using Stochastic Simulation: Scaling Issues in the Multiplicative AHP
Publication: Research - peer-review › Journal article – Annual report year: 2016

A new composite decision support framework for strategic and sustainable transport appraisals
Publication: Research - peer-review › Journal article – Annual report year: 2015

Creative group decision making for sustainable transport development
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

Socio-economic analysis in the transport sector
Publication: Education › Compendium/lecture notes – Annual report year: 2014

Graphical and technical options in Expert Choice for group decision making
Publication: Education › Compendium/lecture notes – Annual report year: 2014

Involving stakeholders in transport decision making using planning workshops and MCDA
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Multi-criteria decision analysis for use in transport decision making
Publication: Education › Compendium/lecture notes – Annual report year: 2014

Bæredygtig transportplanlægning
Publication: Education › Book chapter – Annual report year: 2013

Combining MCDA and risk analysis: dealing with scaling issues in the multiplicative AHP
Barfod, M. B., van den Honert, R. & Salling, K. B. 2013
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013
Scaling Transformation in the Rembrandt Technique: Examination of the Progression Factors  
Publication: Research - peer-review › Journal article – Annual report year: 2013

The UNITE-DSS Modelling System: Risk Simulation and Decision Conferencing  
Salling, K. B. & Barfod, M. B. 2013  
Publication: Research › Conference abstract for conference – Annual report year: 2013

An MCDA approach for the selection of bike projects based on structuring and appraising activities  
Publication: Research - peer-review › Journal article – Annual report year: 2012

Inddragelse af borgere og interessenter i beslutningsprocessen – en introduktion til beslutningskonferencer  
Publication: Communication › Journal article – Annual report year: 2012

Optimising Transport Decision Making using Customised Decision Models and Decision Conferences  
Publication: Research › Ph.D. thesis – Annual report year: 2012

The EcoMobility Modelling Framework for Sustainable Transport Planning  
Publication: Research - peer-review › Book chapter – Annual report year: 2012

The UNITE Modelling System: SIMSIGHT - Risk Simulation and Scenario Foresight  
Salling, K. B. & Barfod, M. B. 2012  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Composite decision support by combining cost-benefit and multi-criteria decision  
Publication: Research - peer-review › Journal article – Annual report year: 2011

Estimating the Robustness of Composite CBA and MCDA Assessments by Variation of Criteria Importance Order  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Examination of decision support systems for composite CBA & MCDA assessments of transport infrastructure projects  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2010

Examination of Decision Support Systems for Composite CBA and MCDA Assessments of Transport Infrastructure Projects  
Publication: Research - peer-review › Conference article – Annual report year: 2011

MCDA and Risk Analysis in Transport Infrastructure Appraisals: the Rail Baltica Case  
Publication: Research - peer-review › Conference article – Annual report year: 2011
CykelPuljePrioriterings-metoden (CPP-metoden)
Publication: Communication › Journal article – Annual report year: 2010

Structuring and assessing large and complex decision problems using MCDA
Barfod, M. B. 2010
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2010

Customised DSS and decision conferences
Publication: Research - peer-review › Article in proceedings – Annual report year: 2009

Customised DSS and Decision Conferences
Barfod, M. B. & Leleur, S. 2009
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2009

Estimating the robustness of composite CBA & MCA assessments by variation of criteria importance order
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2009

Examination of decision support systems for composite CBA & MCDA assessments of transport infrastructure projects
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2009

Helhetsorienterad utvärdering av kollektivtrafikåtgärder
Publication: Research › Report – Annual report year: 2009

Report on Scenario, Traffic Forecast and Analysis of Traffic on the TEN-T, taking into Consideration the External Dimension of the Union: assessment of Infrastructure packages
Publication: Research › Report – Annual report year: 2009

Hållbart transportsystem för inre och yttre attraktionskraft - STMØ 2: Integration, konkurrenscraft och utbildning i Öresundregionen
Publication: Research › Report – Annual report year: 2008

Strategic Location Planning: A 'Hard' Approach Supported by 'Semi-Soft' Methods
Publication: Research - peer-review › Journal article – Annual report year: 2008

A Composite Modelling Approach to Decision Support by the Use of the CBA-DK Model: The Hornsherred Case
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007

Comparing a soft and a hard multi-methodology approach: Location of an IT company in the Øresund Region
Publication: Research - peer-review › Article in proceedings – Annual report year: 2007
COSIMA-ES-PORT: A new Decision Support Model for the handling of road/rail/cargo related impacts
Barfod, M. B. & Leleur, S. 2007 In : Mercator Media Forum. p. 31-54
Publication: Research - peer-review › Journal article – Annual report year: 2007

Improving Public Investment Management for Large-Scale Government Projects: Focusing on the Feasibility Studies: Lessons and Challenges
Publication: Research - peer-review › Book chapter – Annual report year: 2007

Strategic Planning and Decision Analysis: Presentation of the COSIMA Software System
Publication: Research › Sound/Visual production (digital) – Annual report year: 2007

The Analytical Hierarchy Process: Technical note
Barfod, M. B. 2007
Publication: Education › Compendium/lecture notes – Annual report year: 2007

Projects:

National Transport Planning - sustainability, institutions, tools
01/06/2012 → 31/05/2016
Project

The EcoMobility project
01/04/2009 → 31/10/2011
Project

Optimising Transport Decision Making by use of Customised Decision Models and Decision Conferences
Barfod, M. B., Leleur, S., Kveiborg, O., Næss, P. & Pearman, A.
01/01/2008 → 28/03/2012
Project: PhD

East - West project: Danish WP3 Report
Barfod, M. B. & Kronbak, J.
01/08/2006 → 01/11/2006
Project

Activities:

Workshops som led i beslutningsprocesser om bæredygtig transport
Michael Bruhn Barfod (Speaker), 26 Aug 2014, Trafikdag Aalborg 2014
Activity: Lecture and oral contribution