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A path analysis of factors influencing social cohesion and neighbor support in collective self-build housing. The importance of getting to know future neighbors

Inhibitors and facilitators of corporate real estate dynamic alignment

Sense of place, shopping area evaluation, and shopping behaviour

Lifting the Lid on the Black Box of Corporate Real Estate Decision Making: dealing with surplus property

Coping strategies and perceived productivity in open-plan offices with noise problems

Identifying the criteria for corporate real estate decisions through the laddering technique: an analysis of care organisations in The Netherlands

Perceptual measures of science parks: Tenant firms’ associations between science park attributes and benefits

A comparative study of social interaction frequencies among social network members in five countries.

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The influence of employees’ workspace satisfaction on mental health while working from home during the COVID-19 pandemic
The influence of group decision making on residents’ preferences for sustainable energy measures of dwellings

Willen huurders betalen voor een gezondere kantooromgeving?

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Adjustment of corporate real estate during a period of significant business change

Employees’ preferences for services and facilities offered in serviced offices

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Happy senior living 65+ best living concepts

BTIC – programma: integrale energietransitie bestaande bouw: programma document BTIC – energie-transitie bestaande bouw

Construction and validation of an index of walkability: a data-driven approach

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Review van de methode die Invvisor voorstelt voor verdiscontering van onzekerheid in schattingen van waardeverlies bij de bepaling van compensatie-bedragen: rapport in opdracht van de NAM

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Modeling the impact of key events on long-term transport mode choice decisions: a decision network approach using event history data

Modeling the impact of key events on long-term transport mode choice decisions: decision network approach using event history data
Modeling the Impact of Travel Information on Activity-Travel Rescheduling Decisions Under Conditions of Travel Time Uncertainty

Modeling the impact of travel information on activity-travel rescheduling decisions under multiple uncertain events: distributed myopic decision heuristics

Modelling learning and adaptation in transportation contexts

Multi-agent simulation of behaviour in non-stationary transportation networks: model formulation and numerical experiments

Parametric Action Decision Trees: Incorporating Continuous Attribute Variables into Rule-Based Models of Activity-Travel Behavior

Perceived information value: a theoretical framework and some numerical examples

Representing mental maps and cognitive learning in micro-simulation models of activity-travel choice dynamics

Social Networks and Activity-Travel Choice: Significance and Prospects for Micro-Simulation

Social networks and activity-travel choice: significance, prospects and some concepts

Spatial impact of congestion pricing scenarios

Testing a multi-agent model for alternative plan generation

The Albatross model system: sensitivity tests and pilot applications

The effects of land use policies on activity-travel patterns: an application of the albatross multi-agent simulation system

The impact of simplification in a sequential rule-based model of activity-scheduling behavior
The sensitivity of activity-based models of travel demand: results in the case of Albatross

The Value of Time for Shopping: Analyses of Consumer Segments and Gender Differences

Value of travel information: Theoretical framework and numerical examples

Activity-travel scheduling and rescheduling decision processes: empirical estimation of Aurora model

A learning-based transportation oriented simulation system

A micro-simulator of urban land use dynamics integrating a multi-agent model of land development and an activity-based model of transport demand

A spatial decision support system for provision and monitoring of urban green space

A theoretical framework for modeling activity-travel scheduling decisions in non-stationary environments under conditions of uncertainty and learning

Capturing interdependencies in tour mode and activity choice: a co-evolutionary logit modelling approach

Capturing the role of awareness and information search processes on Choice Set Formation in Models of Activity-Travel Behavior

Improving performance of multiagent rule-based model for activity pattern decisions with Bayesian networks

Modeling the dynamic use and impact of travel information on activity-travel: (re)scheduling decisions

Modelling perception updating of travel times in the context of departure time choice under ITS
Multi-agent models of urban land development: theory and numerical simulation of retail location decisions

Multi-agents generating alternative plans in local land-use planning: specifying their reasoning and interaction

Multimodal public transport: an analysis of travel time elements and the interconnectivity ratio

Multistate supernetwork approach to modelling multi-activity, multimodal trip chains

Predicting multi-faceted activity-travel adjustment strategies in response to possible congestion pricing scenarios using an Internet-based stated adaptation experiment

Towards a generic multi-agent engine for the simulation of spatial behavioural processes: MASQUE/SwarmCity

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A multiagent model of negotiation processes between multiple actors in urban developments: a framework for and results of numerical experiments

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A theory and simulation model of activity-travel rescheduling behavior

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Effects of task complexity and presentation format on the validity of stated choice responses for respondents with limited literacy skills
Estimating non-linear dynamics of continuous time in the context of an activity schedule model

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Generating alternative plans in a planning support system using multi-agent technology

Learning and adaptation behaviour: empirical evidence and modelling issues

Measuring impacts of condition variables in rule-based models of space-time choice behavior: method and empirical illustration

Measuring the goodness-of-fit of decision tree-based models of discrete and continuous time activity-travel choice: methods and empirical illustration

Modelling agglomeration forces in urban dynamics: a multi-agent system approach

Modelling agglomeration forces in urban dynamics: a multi-agent system approach

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Modelling perception updating of travel times of departure time choice under ITS

Modelling agglomeration forces in urban dynamics: a multi-agent system approach

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Models of learning and adaptation behaviour in urban transport settings

Predicting Multi-Faceted Activity-Travel Adjustment Strategies in Response to Possible Congestion Pricing Scenarios Using an Internet-Based Stated Adaptation Experiment

Reinduction of Albatross decision rules with pooled activity-travel data and an extended set of land use and cost-related condition states
Representing mental maps and cognitive learning in micro-simulation models of activity-travel choice dynamics

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Activity pattern similarity: a multidimensional sequence alignment method

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Modeling the formation of activity agendas using reactive agents

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Albatross: Model and Experience

A micro-simulation model of individuals’ activitytravel behavior in urban environments.

A Micro-simulation Model of Individuals Activity Travel Behaviour in Urban Environments

A model for Generating Activity Skeletons in the Context of the Albatross System

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Creating Synthetic Populations: Approach and Results

Data Needs and Sources for Albatross 1.0 Applications

Deriving performance indicators from models of multipurpose shopping behaviour

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Generating Synthetic Populations

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Interactive Agency Choices in Land Use Transport Dynamics: The Case of the Residential Housing

Inter-agent Interactions in the Amadeus Long Term Submodule

Introducing Multi-Agents in an Integrated GIS/VR System for Supporting Urban Planning and Design Decisions

Modeling effects of anticipated time pressure on execution of activity programs

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New activity diary format: design and limited empirical evidence

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The Amadeus Program: Scope and Conceptual Development

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The Spatial Transferability of the Albatross Model System

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Understanding activity scheduling and rescheduling behaviour: theory and numerical illustration

Urban Form Network Type and Mode Choice for Frequently Conducted Activities: A multi-level analysis

Activity Selection, Travel Party and Duration Decisions

Activity Start Time and Trip-Chaining Decisions

Activity Transport Mode and Location Choice

A Decision Support System for Land-Use Selection Decisions Using a Combined AHP and KBS Approach
A knowledge-based system for developing retail location strategies

ALBATROSS

ALBATROSS : a learning based transportation oriented simulation system

Albatross : multi-agent rule based model of activity pattern decisions

Analyzing Space-Time Behavior: New Approaches to Old Problems

A spatial decision support system for retail plan generation and impact assessment

Conceptual Framework

Conclusions and discussion

DANA (Dissimilarity Analysis of Activity Patterns): A Tool for Multidimensional Activity Pattern Comparison and Pattern Classification in Transportation Research

Data about the space-time environment

Data Needs, Data Collection and Data Quality Requirements of Activity-Based Transport Demand Models

Deriving decision rules from activity diaries

Determinants of attrition rates in two-wave, two-day household activity diary : probit analysis
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Modeling Short-Term Adjustment Processes of Individual Activity Schedules in Time and Space

Modelling Activity-Travel Patterns

Observed Activity Patterns

Relative Predictive Ability

Representing and Inducing Decision Rules

Representing and Predicting Tourist Choice Behaviour: A Rule-Based vs. a Utility-Based Approach

Rule-Based versus Utility-Maximizing Models of Activity-Travel Patterns

Sequence alignment method

Sequence Alignments Methods

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Synthesizing Populations Using Micro-Simulation

The Activity Dairy

The ALBATROSS System

The Long-Term Effects of Multi-Modal Transportation: the Resident Choice Behavior of Households

Transport Mode Decisions Related to the Primary work Activity

Using ALBATROSS for Impact Analysis: Some Illustrations

Using decision tree induction systems for modeling space-time behavior

An Analysis of Context and Constraints-Dependent Shopping Location Decisions Using Qualitative Decision Principles

A qualitative approach to modelling space-time behaviour of individuals in urban environments: the case of trip chaining

A spatial decision support system for the planning of retail and service facilities

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The development of ALBATROSS: some key issues

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Economische Effecten van Parkeermaatregelen in Noord-Brabant. Nameting 1997 (Deelrapport)

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Experiences with developing ALBATROSS: a learning-based transportation oriented simulation system

Extending spatial DSS with spatial choice models of multipurpose shopping trip behaviour

Investigating consumers' tendency to combine multiple shopping purposes and destinations

Location planner: a DSS for the location planning of retail and service facilities

Using models of consumer spatial shopping behavior for developing retail networks

A generic spatial decision-support system for planning retail facilities

A multi-objective model for developing retail location strategies in a DSS environment
A Multipurpose Destination Choice Model For Shopping Trips: Some Empirical Results

Constructing and consulting fuzzy decision tables

Economische effecten van parkeermaatregelen : winkelcentrum- en vervoerswijzekeuze van consumenten in Noord-Brabant

Estimating A Rule-Based System Of Activity Scheduling: A Learning Algorithm And Results Of Computer Experiments

Measuring the Similarity of Activity Patterns

An efficient search strategy for site-selection decisions in an expert-system

Design of a view-based DSS for location planning

Integrating GIS into the Planning Process

Integrating GIS and spatial modeling : a generic DSS for retail planning

The development of a knowledge-based decision support system for retail and service planning

The development of a knowledge-based spatial decision support system for retail and service planning

The integration of expert knowledge in decision support systems for facility location planning

Geographical Information systems and the measurement of accessibility in the context of multipurpose travel : a new approach
Multistop-based measurements of accessibility in a GIS environment

A model of multi-purpose shopping trip behavior

Geographical information systems and the evaluation of the location of facilities

Projects

SPARK Impuls (Science park facilities and the role of ecosystem formation)
Appel-Meulenbroek, H. A. J. A. (. , Weijs-Perrée, M., Appel-Meulenbroek, H. A. J. A. (. , Arentze, T. A. & Kruizinga, M. 1/07/16 → 31/12/19

UncertWeb: The Uncertainty Enabled Model Web Research Project

Activities

Stakeholders-oriented spatial decision support system
Theo Arentze (Examiner)
17 May 2019

A sustainable industrial site redevelopment planning support system
Theo Arentze (Examiner)
2 Apr 2019

Efficient storage and retrieval of detailed building models: multi-disciplinary and long-term use of geometric and semantic construction information
Theo Arentze (Examiner)
2 Apr 2019

The users' value of business center concepts for knowledge sharing and networking behavior within and between organizations
Theo Arentze (Examiner)
26 Mar 2019

A tool to analyze urban development
Theo Arentze (Speaker)
2019 → …

Computers, Environment and Urban Systems (Journal)
Theo A. Arentze (Editorial board member)
2019 → …

Expert review of models for estimating the decline of house property value in earth quake area for the NAM (Dutch national oil company)
Theo A. Arentze (Advisor)
2019 → …
Modelling individuals’ mental models and goal setting behaviour in complex decision problems
Theo A. Arentze (Speaker)
2019 → …

Simulating Annual Long-Distance Travel Demand
Theo Arentze (Examiner)
2019

Social Networking (Journal)
Theo A. Arentze (Editorial board member)
2019 → …

Transportation (Journal)
Theo A. Arentze (Editorial board member)
2019 → …

Transportation Research Board (TRB) (External organisation)
Theo A. Arentze (Chair)
2019 → …

Transportation Research. Part D: Transport and Environment (Journal)
Theo A. Arentze (Peer reviewer)
2019 → …

Transportmetrica B: Transport Dynamics (Journal)
Theo A. Arentze (Editorial board member)
2019 → …

Travel Behaviour and Society (Journal)
Theo A. Arentze (Editorial board member)
2019 → …

Vereniging van Onroerend Goed Onderzoekers in Nederland (VOGON) (External organisation)
Theo A. Arentze (Chair)
2019 → …

Complexity (Journal)
Theo A. Arentze (Peer reviewer)
2018 → …

Journal of Corporate Real Estate (Journal)
Theo A. Arentze (Peer reviewer)
2018 → …

Transportation Research. Part B: Methodological (Journal)
Theo A. Arentze (Peer reviewer)
2018 → …

Transportation Research Record (Journal)
Theo A. Arentze (Peer reviewer)
2018 → …
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**Transport Reviews (Journal)**
Theo A. Arentze (Peer reviewer)
2014 → ...

**Travel Behaviour and Society (Journal)**
Theo A. Arentze (Peer reviewer)
2014 → ...

**Journal of Transportation Technologies (Journal)**
Theo A. Arentze (Editorial board member)
2012 → ...

**Presentation at the Department of Civil Engineering, University of Pretoria, Pretoria, South Africa**
Theo Arentze (Speaker)
29 Nov 2000