論文(審査付論文)

- 1. 中村英夫, 林良嗣, 宮本和明:海岸線利用の適地分析に関する一方法, 土木学会論 文報告集, 295, pp. 81-91, 1980.
- 中村英夫,林良嗣,宮本和明:都市近郊地域の土地利用モデル,土木学会論文報告集,309,pp.103-112,1981.
- 3. Hideo MATSUKA, Kazutoshi SUGIMOTO, Hideo NAKAMURA, Yoshitsugu HAYASHI, Kazuaki MIYAMOTO: GEO-SOCIO DATA PROCESSING SYSTEM ENVIRONMENTAL SYSTEMS ANALYSIS AND MANAGEMENT, IFIP, pp. 755-776, 1982.
- 4. 中村英夫, 宮本和明, 越智修:地図データベースの設計とその利用, 写真測量とリモートセンシング, 21-1, (1982.04), pp. 4-9, 1982年4月.
- 5. 宮本和明, 宮地敦夫: 非集計型住宅タイプ選好モデル, 日本都市計画学会学術研究 発表会論文集, 17, pp. 139-144, 1982.
- 6. Hideo NAKAMURA, Yoshitsugu HAYASHI, Kazuaki MIYAMOTO: A LAND USE-TRANSPORTATION MODEL FOR METROPOLITAN AREAS, SEVENTH PACIFIC CONFERENCE OF THE REGIONAL SCIENCE ASSOCIATION, 51, pp. 43-63, 1983.
- 7. Hideo NAKAMURA, Yoshitsugu HAYASHI, Kazuaki MIYAMOTO: Land Use-Transportation Analysis System for a Metropolitan Area, Transportation Research Record, 931, pp. 11-20,1983.
- 8. Hideo NAKAMURA, Yoshitsugu HAYASHI, Kazuaki MIYAMOTO, Hisao UCHIYAMA: COMPUTER AIDED LAND USE-TRANSPORTATION ANALYSIS SYSTEM (CALUTAS) FOR EVALUATION OF INFRASTRUCTURE PLANNING, Proceeding of the Third World Conference on Transport Research, 2, pp. 620-632, 1983.
- 9. 中村英夫,林良嗣,宮本和明:広域都市圏土地利用交通分析システム,土木学会論 文報告集,335,pp. 141-153, 1983.
- 10. 宮本和明, 中村英夫, 林良嗣: 広域都市圏産業立地モデル, 土木学会論文報告集, 339, pp. 155-165, 1983.
- 11. 宮本和明,安藤淳,清水英範: 非集計行動分析に基づく都市圏住宅需要モデル,土 木学会論文集,365,4,pp.79-88,1986.
- 12. Kazuaki MIYAMOTO, Hideo NAKAMURA, Eihan SHIMIZU: LAND USE MODEL BASED ON DISAGGREGATE BEHAVIORAL ANALYSES, Proceedings of the World Conference on Transport Research '86, 2, pp. 1535-1550, 1986.
- 13. 宮本和明,中村英夫,八木茂樹:非集計行動モデルを用いた工業立地分析,地域学研究,16,pp. 217-234, 1986.
- 14. Kazuaki MIYAMOTO, Shigeki YAGI: A LARGE-SCALE LAND USE MODEL BASED ON THE RANDOM UTILITY / BIDDING THEORY, Proceedings of the International Symposium on Transport, Communication and Urban Form, 2, pp. 235-250,1987.
- 15. 宮本和明: 効用および付け値の確率変動を考慮した土地利用シミュレーションモデル構築の試み, 土木計画学研究・論文集, 5, pp. 15-26, 1987.
- 16. Kazuaki MIYAMOTO: ESTIMATION OF ECONOMIC DATA BASED ON AERIAL-PHOTOGRAPHIC INFORMATION IN DEVELOPING COUNTRIES, INTERNATIONAL SOCIETY FOR PHOTOGRAMMETRY AND REMOTE SENSING, 27, B10, pp. 452-461, 1988.
- 17. Kazuaki MIYAMOTO, Keiichi KITAZUME: A LAND-USE MODEL BASED ON RANDOM UTILITY / RENT-BIDDING ANALYSIS (RURBAN), Selected Proceedings of the Fifth World Conference on Transport Research, 4, pp. 107-121, 1989.

- 18. 宮本和明, 乾健治, 兼松信治, 森下津: 札幌都市圏土地利用交通分析システム (RURBAN / Sapporo)における支援システムの役割, 土木情報システムシンポジウム 講演集・査読部門, 16, pp. 1-8, 1991.
- 19. Kazuaki MIYAMOTO, Takayuki NOAMI, Yuhei KUWATA, Ken-ichi YOKOZAWA: AN EVALUATION METHOD OF TRANSPORT PROJECTS WITH THE AID OF RURBAN (RANDOM UTILITY/RENT-BIDDING ANALYSIS) MODEL, Selected Proceedings of the Sixth World Conference on Transport Research, 1, pp. 55-66, 1992.
- 20. 宮本和明, 三浦良平: 空間分布適合度指標(SFIs)の提案, 土木計画学研究・論文集, 10, pp. 135-142, 1992.
- 21. Kazuaki MIYAMOTO: INTEGRATED LAND-USE AND TRANSPORTATION PLANNING AND IMPLEMANTATION FOR DEVELOPING METROPOLISES, Regional Development Dialogue, 13, 3, pp. 26-42, 1992.
- 22. 宮本和明:東南アジア諸国における公共用地取得制度の比較,日本都市計画学会学 術研究論文集,28,pp. 445-450, 1993.
- 23. Kazuaki MIYAMOTO, Rungsun UDOMSRI: PRESENT SITUATIONS AND ISSUES OF PLANNING AND IMPLEMENTATION REGARDING LAND-USE AND TRANSPORT IN DEVELOPING METROPOLISES, Journal of Infrastructure Plan and Management, 482, 4, 22, pp. 87-97, 1994.
- 24. Kazuaki MIYAMOTO: A PILOT SYSTEM FOR EVALUATING INTEGRATED POLICY MEASURES OF METROPOLITAN LAND USE, TRANSPORT, AND THE ENVIRONMENT, Regional Development Dialogue, 16, 1, pp. 73-86, 1995.
- 25. Kazuaki MIYAMOTO, Rungsun UDOMSRI: AN ANALYSIS SYSTEM FOR INTEGRATED POLICY MEASURES REGARDING LAND-USE, TRANSPORT AND THE ENVIRONMENT IN A METROPOLIS, Transport, Land-Use and the Environment, Kluwer Academic Publishers, pp. 259-280, 1995.
- 26. Kazuaki MIYAMOTO, Hideo NAKAMURA, Katsusuke YAMAGUCHI, Ryuichi KATO: A DIAGNOSIS AND PRESCRIPTION SYSTEM FOR TRANSPORT RELATED ENVIRONMENTAL PROBLEMS IN THE METROPOLITAN AREAS OF DEVELOPING COUNTRIES, Journal of the Eastern Asia Society for Transportation Studies, 1, 2, pp. 413-429, 1995.
- 27. Kazuaki MIYAMOTO, Sathindra SATHYAPRASAD: THEORETICAL AND EMPIRICAL CONSIDERATIONS ON THE INTERACTIONS BETWEEN LAND-USE AND TRANSPORT IN THE METROPOLITAN AREAS OF SOUTHEAST ASIAN COUNTRIES, Journal of the Eastern Asia Society for Transportation Studies, 1, 2, pp. 729-744, 1995.
- 28. Rungsun UDOMSRI, Kazuaki MIYAMOTO: AN APPROACH TO PRESCRIBE FOR URBAN PROBLEMS IN BANGKOK BY INTEGRATING TRANSPORT, LAND USE AND ENVIRONMENTAL POLICIES, Journal of the Eastern Asia Society for Transportation Studies, 1, 2, pp. 745-758, 1995.
- 29. Kazuaki MIYAMOTO, Sathindra SATHYAPRASAD: An Estimation System of Urban Land-Use and the Environment for Metropolitan Areas in Developing Countries, Studies in Regional Science, 25, pp. 17-29. 1996.
- 30. Kazuaki MIYAMOTO, Keiichi KITADUME: SOME CONSIDERATIONS ON BUILD OPERATE AND TRANSFER SCHEME FOR TRANSPORTATION PROJECTS IN DEVELOPING COUNTRIES, International Conference On Urban Engineering in Asian Cities in the 21st Century, 2, pp. E90-E95, 1996.
- 31. Kazuaki MIYAMOTO, Rungsun UDOMSRI, Sathindra SATHYAPRASAD, Fuhu REN: A

- DECISION SUPPORT SYSTEM FOR INTEGTRATING LAND USE, TRANSPORT AND ENVIRONMENTAL PLANNING IN DEVELOPING METROPOLISES, Computer, Environment and Urban Systems, 20, 4/5, pp. 327-338, 1996.
- 32. Keiichi KITADUME, Kazuaki MIYAMOTO: EFFECTS OF SUBWAY DEVELOPMENT ON COMMUTERS' TRANSPORTATION MODE CHOICE IN A CITY OF JAPAN, Journal of the Eastern Asia Society for Transportation Studies, 2, 5, pp. 1347-1356, 1997.
- 33. Kazuaki MIYMOTO, Nao SUGIKI, Takashi UCHIDA, Antonio PAEZ: A GIS BASED LAND-USE MODEL DEALING WITH BUILDING TYPES BY SMALL UNIT OF LAND IN A METROPOLITAN AREA, Journal of the Eastern Asia Society for Transportation Studies, 2, 6, pp. 1943-1959, 1997.
- 34. 宮本和明, 内田敬, 明石和之:空間分布適合度指標の発生, 分布交通量モデル推進への適用, 交通工学研究発表会論文報告集, 17, pp. 189-192, 1997.
- 35. Takashi UCHIDA, Kazuaki MIYAMOTO, Nobuaki FUKUSHIMA, Masataka MOMMA: A GIS-SUPPORTED MICRO-SCALE DIAGNOSIS SYSTEM FOR UEBAN TRANSPORT AND THE ENVIRONMENT, Proceedings of the 1st Asia Pacific Conference on Transport and the Environment, pp. 484-492, 1998.
- 36. Antonio PAEZ, 内田敬, 宮本和明:都市化に伴うヒートアイランド現象の空間統計 分析モデル, 日本都市計画学会学術研究論文集, 33, pp. 67-72, 1998.
- 37. 北詰恵一, 若山恭輔, 宮本和明: 買い物行動モデルの構築とそれに基づく施策評価, 日本都市計画学会学術研究論文集, 33, pp. 169-174, 1998.
- 38. Antonio PAEZ, Takashi UCHIDA, Kazuaki MIYAMOTO: A SPATIAL ANALYSIS OF EXTERNAL ECONOMIES AND ITS ASSOCIATION WITH TRANSPORTATION INFRASTRUCTURE: THE CASE OF SENDAI CITY, Journal of the Eastern Asia Society for Transportation Studies, 3, 4, pp. 149-164, 1999.
- 39. Keiichi KITADUME, Kazuaki MIYAMOTO, Atsushi SUZUKI: GENERATIONAL ACCOUNTING FOR THE DEVELOPMENT OF URBAN RAIL TRANSIT SYSTEMS, Journal of the Eastern Asia Society for Transportation Studies, 3-4, pp. 197-208, 1999.
- 40. Takashi UCHIDA, Kazuaki MIYAMOTO, Nao SUGIKI, Mitsuharu NAKANO: A Data Integration System for a Comprehensive Urban Analysis, Proceedings of CUPUM '99, pp.1-14, 1999.
- 41. 杉木直,中野光治,内田敬,宮本和明:都市総合分析支援のための時空間データ変換システム,地理情報システム学会講演論文集,8,pp. 221-226, 1999.
- 42. 庄山高司,宮本和明:開発途上国首都における土地利用交通総合計画:ニカラグアにおける試み,日本都市計画学会学術研究論文集,34,pp.163-168,1999.
- 43. Takashi SHOYAMA, Kazuaki MIYAMOTO: The role of land use planning in transportation planning and effective implementation: A case of Managua, Nicaragua, Urban Transportation and Environment, Díaz González Palomas & Jamet (eds)©2000 Balkema, Rotterdam, ISBN 90 5809 128 7, pp. 441-448, 2000.
- 44. Kazuaki MIYAMOTO, Varameth VICHIENSAN: A Review of land use model applications in transportation demand forecasting Urban Transportation and Environment, Díaz González Palomas & Jamet (eds)© 2000 Balkema, Rotterdam, ISBN 90 5809 128 7, pp. 449-454, 2000.
- 45. Antonio PAEZ, Takashi UCHIDA, Kazuaki MIYAMOTO: Spatial economic externalities and coordinated land use-transportation planning, Urban Transportation and Environment, Díaz González Palomas & Jamet (eds)© 2000 Balkema, Rotterdam, ISBN 90 5809 128 7, pp. 649-656, 2000.
- 46. 佐藤有希也,内田敬,宮本和明,小野寛明:東アジア3国における自動車保有・利

- 用行動と社会意識に関する因果構造の分析, 土木計画学研究・論文集, 17, 2000.09, pp. 649-654, 2000.
- 47. 黒田正和, 宮本和明, 北詰恵一, 小野芳朗:建設工事におけるライフサイクルエミッションの分析フレームワークと骨材排出予測,環境科学会誌, 14-2, pp. 159-163, 2001
- 48. Kazuaki MIYAMOTO, Takashi UCHIDA, Yunika NISHIMURA, Keiichi KITAZUME: ESTIMATION OF ECONOMIC DATA FOR TRAVEL DEMAND FORECASTING BASED ON PHYSICAL INFORMATION, Journal of the Eastern Asia Society for Transportation Studies, 4, 3, pp. 11-22, 2001.
- 49. Kazuaki MIYAMOTO, Masayuki KOIWA, Keiichi KITAZUME, Atsushi SUZUKI: ESTIMATION OF LIFE CYCLE EMISSION IN ROAD DEVELOPMENT PROJECTS, Journal of the Eastern Asia Society for Transportation Studies, 4, 5, pp. 43-54, 2001.
- 50. Atsushi SUZUKI, Kazuaki MIYAMOTO, Eijiro SUZUKI: EVALUATION OF EXTERNALITIES CAUSED BY ROAD TRANSPORTATION IN A METROPOLITAN AREA, Journal of the Eastern Asia Society for Transportation Studies, 4, 6, pp. 127-136, 2001.
- 51. Antonio PAEZ, Kazuaki MIYAMOTO, Eri YAMADA, Keiichi KITAZUME: TRANSPORTATION NETWORK AND ACCESSIBILITY ANALYSIS IN EASTERN ASIA BASED ON A GEOGRAPHICAL INFORMATION SYSTEM, Journal of the Eastern Asia Society for Transportation Studies, 4, 6, pp. 211-226, 2001.
- 52. 北詰恵一,宮本和明:住民の異質な属性による付け値曲線の違いの実証分析,日本 都市計画学会学術研究論文集(都市計画別冊),36,pp.661-666,2001.
- 53. 鈴木温,宮本和明:将来交通所要時間情報の立地誘導効果に関する研究,日都市計画学会学術研究論文集(都市計画別冊),36,pp.667-672,2001.
- 54. Antonio PAEZ, Takashi UCHIDA, Kazuaki MIYAMOTO: Spatial Association and Heterogeneity Issues in Land Price Models, Urban Studies, 38-9, pp. 1493-1508, 2001.
- 55. 宮本和明, 北詰恵一, 磯野文曉:都市交通基盤および関連施設整備がもたらす便益の相乗効果を考慮した起源別計測,日本不動産学会誌,15-4,pp.59-67,2002.
- 56. Antonio PÁEZ, Takashi UCHIDA, Kazuaki MIYAMOTO: A general framework for estimation and inference of geographically weighted regression models: 1. Location-specific kernel bandwidths and a test for locational heterogeneity, Environment and Planning A, 34, pp. 733-754, 2002.
- 57. Antonio PÁEZ, Takashi UCHIDA, Kazuaki MIYAMOTO: A general framework for estimation and inference of geographically weighted regression models: 2. Spatial association and model specification tests, Environment and Planning A, 34, pp. 883-904, 2002.
- 58. 吉田明弘, 北詰恵一, 宮本和明:住宅地区別年齢層別人口予測のための世帯構成遷移 と住み替え行動分析, 日本都市計画学会学術研究論文集(都市計画別冊), 37, pp. 379-384, 2002.
- 59. 鈴木温, 宮本和明:将来交通所要時間情報の不確実性が土地利用・交通に与える影響, 土木計画学研究・論文集, 19, 2, pp. 221-228, 2002.
- 60. Varameth VICHIENSAN, Antonio PÁEZ, Kazuaki MIYAMOTO: Improvement of data accuracy in urban modeling by nonstationary interpolation method, Proceedings of International Conference on Computers in Urban Planning and Urban Management, Reviewed Paper, 8, pp.1-16, CD-ROM, 2003.
- 61. Atsushi SUZUKI, Kazuaki MIYAMOTO: INFORMATION PROVISION OF FUTURE TRAVEL TIME FOR GUIDING A BETTER URBAN FORM: A PROPOSAL OF CAR TRAVEL HAZARD MAP, Journal of the Eastern Asia Society for Transportation Studies, 5,

- pp.2790-2800, CD-ROM, 2003.
- Varameth VICHIENSAN, Kazuaki MIYAMOTO, Katsuya SATO, Keiichi KITAZUME: INTRODUCTION OF LAND USE MODEL TO IMPROVE TRAVEL DEMAND FORECASTING IN A METROPOLITAN AREA: A CASE OF TRANUS APPLICATION TO SAPPORO, Journal of the Eastern Asia Society for Transportation Studies, 5, pp. 2863-2871, CD-ROM, 2003.
- 63. Varameth VICHIENSAN, Kazuaki MIYAMOTO, Keiichi KITAZUME: Determination of a Desirable Time Step for Quasi-Dynamic Urban Model with Sapporo Test Bed, International Journal of Urban Sciences, 7, 1, pp. 102-117, 2003.
- 64. Kazuaki Miyamoto, Varameth Vichiensan, Naoki Shimomura, and Antonio Paez: Discrete Choice Model with Structuralized Spatial Effects for Location Analysis, Transportation Research Record: Journal of the Transportation Research Board, 1898, pp. 183-190, 2004.
- 65. Nao Sugiki, Kazuaki Miyamoto: Spatio-Temporal Aggregation Effects and Path-Dependence in a Land-Use Micro-Simulation System, Selected Proceedings of 10th World Conference on Transport Research, pp.1-17, CD-Rom, 2004.
- 66. Kazuaki MIYAMOTO, Varameth VICHIENSAN, Nao SUGIKI, Keiichi KITAZUME: Theoretical Rebuilding of RURBAN and the Application to a Metropolis with Detailed Area Unit of Analysis, Proceedings of the 9th International Conference on Computers in Urban Planning and Urban Management, 2005.
- 67. Varameth VICHIENSAN, Kazuaki MIYAMOTO, Muhammad Sani Roychansyah, Yoshiyuki TOKUNAGA: EVALUATION SYSTEM OF POLICY MEASURE ALTERNATIVES FOR A METROPOLIS BASED ON TRANUS FROM THE VIEW POINT OF SUSTAINABILITY, Journal of the Eastern Asia Society for Transportation Studies, 6, CD-ROM, 2005.
- Varameth VICHIENSAN, Kazuaki MIYAMOTO, Yoshiyuki TOKUNAGA: MIXED LOGIT MODEL FRAMEWORK WITH STRUCTURALIZED SPATIAL EFFECTS: A TEST OF APPLICABILITY WITH AREA UNIT SYSTEMS IN LOCATION ANALYSIS, Journal of the Eastern Asia Society for Transportation Studies, 6, CD-ROM, 2005.
- 69. Yukiya SATO, Keiichi KITAZUME, Kazuaki MIYAMOTO: QUANTITATIVE RISK ANALYSIS OF ROAD PROJECTS BASED ON EMPIRICAL DATA IN JAPAN, Journal of the Eastern Asia Society for Transportation Studies, 6, CD-ROM, 2005.
- 70. Nao SUGIKI, Kazuaki MIYAMOTO, Makoto INOMOTO, Toyohiro MORI: A MICRO-SIMULATION MODEL OF METROPOLITAN FLOOR MARKET REPRESENTING MISMATCH BETWEEN BUILDING STOCK AND NEW URBAN ACTIVITY GENERATION, Journal of the Eastern Asia Society for Transportation Studies, 6, CD-ROM, 2005.
- 71. Kazuaki Miyamoto, Yukiya Sato, and Keiichi Kitazume: Economic and Financial Impacts of Private Sector Participation in Infrastructure Projects and the Value for Money, Transportation Research Record: Journal of the Transportation Research Board, 1932, 1, pp. 16-22, 2005.
- 72. 五十嵐豪, 徳永幸之, 宮本和明, 杉木直:詳細な属性を考慮した都市圏世帯分布予 測システムの構築, 日本都市計画学会学術研究論文集(都市計画別冊), 40, pp. 943-948, 2005.
- 73. Varameth Vichiensan, Antonio Paez, Kenji Kawai, Kazuaki Miyamoto: Non-Stationary Spatial Interpolation Method for Urban Model Development, Transportation Research Record: Journal of the Transportation Research Board, 1977, pp. 103-111, 2006.
- 74. Varameth VICHIENSAN, Kazuaki MIYAMOTO and Wiroj RUJOPAKARN: AN EMPIRICAL STUDY OF LAND USE/TRANSPORT INTERACTION IN BANGKOK

- WITH OPERATIONAL MODEL APPLICATION, Journal of the Eastern Asia Society for Transportation Studies, Vol. 7, pp.1250-1265, 2007.
- 75. Kazuaki Miyamoto, Varameth Vichiensan, Nao Sugiki, Keiichi Kitazume: Applications of RURBAN Integrated with a Transport Model in Detailed Zone System, Selected Proceedings of 11th World Conference on Transport Research, Web, 2007.
- 76. Kazuaki Miyamoto, Kazushige Hayashi, Nobuhiro Akimoto, Yoshiyuki Tokunaga: Comprehensive Transportation Plan with a Proposal for City Structure Reform: Sendai Metropolitan Area Transportation Plan 2005, Selected Proceedings of 11th World Conference on Transport Research, Web, 2007.
- 77. Miyamoto, K., Sugiki, N., and Vichiensan, V.: An Estimation Method of Household Micro-Data for the Base Year in Land-Use Micro Simulation, Proceedings of CUPUM '09, CD-Rom.
- 78. Otani, N., Miyamoto, K., and Sugiki, N.: Goodness-of-Fit Evaluation Method between Observed and Estimated Sets of Micro-Data in Land-Use Micro-Simulation, Proceedings of CUPUM '09, CD-Rom.
- Kazuaki MIYAMOTO, Varameth VICHIENSAN, Ryohei MIURA and Kazuo TSUCHIDA.: Measures of Goodness-of-Fit between Spatial Distributions, Proceedings of CUPUM '09, CD-Rom.
- 80. 菅野一敏, 宮本和明, 森地茂: 水道事業 PPP のリスク定量分析に基づく事業形式の 検討, 土木学会論文集F, 66, 2, pp. 275-288, 2010.
- 81. Miyamoto, Kazuaki; Sugiki, Nao; Otani, Noriko; Vichiensan, Varameth: An Agent Based Estimation Method of Household Micro-Data including Housing Information for the Base Year in Land-Use Microsimulation, Selected Proceedings of 12th World Conference on Transport Research, Web, 2010.
- 82. Otani, Noriko; Miyamoto, Kazuaki; Sugiki, Nao: Goodness-of-Fit Evaluation Method between Two Sets of Household Micro-Data for Land-Use Microsimulation Models, Selected Proceedings of 12th World Conference on Transport Research, Web, 2010.
- 83. Vichiensan, Varameth; Miyamoto, Kazuaki: Spatially Varying Impact of Urban Railway on Residential Property Value in Bangkok, Selected Proceedings of 12th World Conference on Transport Research, Web, 2010.
- 84. Miyamoto, Kazuaki; Kojima, Hiroshi; Akashi, Kazuyuki; Tokunaga, Yoshiyuki: URBAN STRUCTURE REFORM WITH FUTURE TRANSPORT INFRASTRUCTURES: THE SENDAI METROPOLITAN AREA APPROACH, Selected Proceedings of 12th World Conference on Transport Research, Web, 2010.
- 85. SUZUKI, Atsushi; KITAZUME, Keiichi; MIYAMOTO, Kazuaki: A Model of Individual Transactions in a Housing Market for Land-Use Micro-Simulation, Selected Proceedings of 12th World Conference on Transport Research, Web, 2010.
- 86. Nao SUGIKI, Kazuaki MIYAMOTO and Keiichi KITAZUME: Forecasting Public Services Demand in an Ageing Metropolitan Area with an Extended Cohort-Type Household Model Combined with Discrete Choice Location/Relocation Models, Journal of the Eastern Asia Society for Transportation Studies, 8, pp.1094-1109, 2010.
- 87. Varameth VICHIENSAN and Kazuaki MIYAMOTO: Influence of Urban Rail Transit on House Value: Spatial Hednic Analysis in Bangkok, Journal of the Eastern Asia Society for Transportation Studies, 8, pp.986-996, 2010.
- 88. Varameth VICHIENSAN, Sathita MALAITHAM, Kazuaki MIYAMOTO: Hedonic Analysis of Residential Property Values in Bangkok: Spatial Dependence and Nonstationarity Effects, Journal of the Eastern Asia Society for Transportation Studies, 9, pp.886-899, 2011

- 89. Noriko Otani, Nao Sugiki, and Kazuaki Miyamoto: Goodness-of-Fit Evaluation Method for Agent-Based Household Microdata Sets Composed of Generalized Attributes, Transportation Research Record: Journal of the Transportation Research Board, Volume 2254, pp. 97-103, 2011.
- 90. Nao SUGIKI, Varameth VICHIENSAN, Noriko OTANI, Kazuaki MIYAMOTO: Agent-Based Household Micro-Datasets: An Estimation Method composed of Generalized Attributes with Probabilistic Distributions from Sample Data and Available Control Totals by Attribute, Asian Transport Studies (ATS), Volume 2, Issue 1, pp. P3-18, 2012.
- 91. Noriko Otani, Nao Sugiki, Varameth Vichiensan, Kazuaki Miyamoto: Modifiable Attribute Cell Problem and Solution Method for Population Synthesis in Land Use Microsimulation, Transportation Research Record: Journal of the Transportation Research Board, No 2302, pp. 157-163, 2012.
- 92. Noriko Otani, Nao Sugiki, Kazuaki Miyamoto, Varameth Vichiensan: Optimal Coordination of Policy Instruments for a Metropolis with Decreasing Population Based on Urban Microsimulations, Selected Proceedings of the 13th WCTR, Web, 2013.
- 93. Kazuaki Miyamoto, Nao Sugiki, Noriko Otani and Varameth Vichiensan: Qualitative and Quantitative Comparisons of Agent-Based and Cell-Based Synthesis Estimation Methods of Base-Year Data for Land-Use Microsimulations, S. Geertman et al. (eds.), Planning Support Systems for Sustainable Urban Development, Lecture Notes in Geoinformation and Cartography, DOI: 10.1007/978-3-642-37533-0_6, Springer-Verlag Berlin Heidelberg, 2013
- 94. 白井健太郎, 宮本和明, 森地茂: PFI 事業における建設物価変動のリスク分析, 土木 学会論文集 F4 (建設マネジメント), 70, 3, pp.81-90, 2014.
- 95. Nao Sugiki, Tomoya Muranaka, Noriko Otani, and Kazuaki Miyamoto: Agent-based Estimation of Household Micro-data with Detailed Attributes for a Real City, Conference Proceedings, CUPUM, 14, 2015.
- 96. Noriko Otani, Yusuke Fukuoka, Nao Sugiki and Kazuaki Miyamoto: Tailor-made Selection of Policy Measures for Households Based on the Detailed Attributes by Segmentation Approach with Decision Tree Analysis, Conference Proceedings, CUPUM, 14, 2015.
- 97. 坪井薫正, 宮本和明, 森地茂: 英国での改革の論点を踏まえてのわが国における PFI の実態分析, 会計検査研究, 53, pp.49-70, 2016.
- 98. 鈴木温, 杉木直, 宮本和明:空間的マイクロシミュレーションを用いた都市内人口 分布の将来予測 -人口 40 万人規模の富山市を対象として -, 都市計画論文集, 51, 3, pp.839-845, 2016.
- 99. 幸坂聡洋, 宮本和明, 前川英和: 自動車専用通行帯整備箇所における交通事故分析, 交通工学論文集, 3, 5, pp.21-28, 2017.
- 100. Nao SUGIKI, Kazuaki MIYAMOTO, Akinari KASHIMURA, Noriko OTANI: A microsimulation model of households to evaluate quality of life in a suburban area developed with a railway line, 14th World Conference on Transport Research, 2016.
- Atsushi Suzuki, Nao Sugiki and Kazuaki Miyamoto: Development of Spatial Micro-Simulation for Forecasting Households Distribution, Conference Proceedings, CUPUM 2017, USB, ISBN 978-0-6481161-0-3, 2017.
- 102. Nao Sugiki, Kazuaki Miyamoto, Akinari Kashimura and Noriko Otani: Household Microsimulation Model Considering Observed Family Histories in a Suburban New Town, Chapter 12 in S. Geertman et al. (eds.), Planning Support Science for Smarter Urban Futures, Lecture Notes in Geoinformation and Cartography, Springer International Publishing AG, DOI 10.1007/978-3-319-57819-4_12, pp. 207-229, 2017.

- 103. 大西智樹, 宮本和明: PFI 事業者選定における総合評価方式の課題と改善提案, 土木 学会論文集 F4 分野 (建設マネジメント), 73, 4, pp. I 76-I 87, 2017.
- 104. 大西智樹, 宮本和明: インフラ新設事業の PFI スキーム構築のための統合分析アプローチ, 土木学会論文集 F4 分野(建設マネジメント), 76, 2, pp. I 82-I 91, 2020.
- 105. 大西智樹, 宮本和明, 五艘隆志:事業者選定のための総合評価における価格点と性能点のキャリブレーション, 土木学会論文集 F4 分野 (建設マネジメント), 78, 1, pp. 70-80, 2022.