

Research Themes of International Students (Road Asset Management)
留学生研究テーマ（道路アセットマネジメント）

| Year of Enrollment 入学年度 | Course 課程 | Country 出身国 | University 大学 | Research Theme／研究テーマ | |
|----------------------------|--------------|----------------------|--|---|--|
| 2022 | Master 修士 | Philippines フィリピン | The University of Tokyo 東京大学 | Development of Road Safety System | |
| 2022 | Master 修士 | Philippines フィリピン | Shibaura Institute of Technology 芝浦工業大学 | Climate Resilience of Long-Term Performance-Based Maintenance Program Road Projects | |
| 2022 | Doctor 博士 | Nepal ネパール | Osaka University 大阪大学 | Upgrading with Recycling of Nepal National Highway Network for Infrastructure Development in Nepal | |
| 2022 | Master 修士 | Indonesia インドネシア | University of the Ryukyus 琉球大学 | Low-Cost and Environmental Friendly Concrete for Preservation of Rigid Pavement utilize cementitious content : Ground Granulated Blast Furnace Slag (GGBFS) | |
| 2022 | Master 修士 | Indonesia インドネシア | Kitami Institute of Technology 北見工業大学 | OPTIMIZATION, MAINTENANCE, OPERATION AND REHABILITATION (OMOR) AND ITS RELATION TO ROAD ASSET MANAGEMENT (RAM) | |
| 2022 | Master 修士 | Mongolia モンゴル | Kitami Institute of Technology 北見工業大学 | The Improving Road Asset Management System in Mongolia | |
| 2022 | Master 修士 | Bhutan ブータン | Kanazawa Institute of Technology 金沢工業大学 | Long Term Maintenance Strategy for Concrete Bridge in Extreme Environment | |
| 2022 | Master 修士 | Bhutan ブータン | Kanazawa Institute of Technology 金沢工業大学 | Analysis of Slope Failures and Suitable Mitigation Measures | |
| 2022 | Master 修士 | Ghana ガーナ | Kanazawa Institute of Technology 金沢工業大学 | INFORMATION AND COMMUNICATION TECHNOLOGY & INFORMATION AND ROBOT TECHNOLOGY IN THE ASSESSMENT OF ROAD CONDITION SURVEY IN GHANA | |
| 2022 | Master 修士 | Ghana ガーナ | Kanazawa Institute of Technology 金沢工業大学 | Comparative Study of Toll Collection Systems Between Ghana and South Africa | |
| 2022 | Master 修士 | Ghana ガーナ | Osaka University 大阪大学 | Development of a Sustainable Road Asset Management System for Drainage Structures, Bridges and Low Volume Roads | |
| 2022 | Master 修士 | Ghana ガーナ | Shibaura Institute of Technology 芝浦工業大学 | Assessment of effectiveness of blended material for construction of pavement in roadworks | |

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|----------------------------|--------------|----------------------|---|--|---|
| 2022 | Doctor 博士 | Ethiopia エチオピア | Kitami Institute of Technology 北見工業大学 | Causes of distresses and their possible solutions of asphalt concrete surface roads in Ethiopia (A case study: Addis Ababa City Roads Authority) | |
| 2022 | Master 修士 | Ethiopia エチオピア | Shibaura Institute of Technology 芝浦工業大学 | Major Factors for the Delay of Maintenance Works and possible measures to overcome the Maintenance Works on Asphalt Roads: In a Case of Addis Ababa City Asphalt road Projects | |
| 2022 | Doctor 博士 | Ethiopia エチオピア | Shibaura Institute of Technology 芝浦工業大学 | Challenge of Asset Management in metropolitan city | |
| 2022 | Doctor 博士 | Pakistan パキスタン | Kanazawa Institute of Techonology 金沢工業大学 | Road Asset Management on BIM and GIS for the Built Environment | |
| 2022 | Doctor 博士 | Laos ラオス | Osaka University 大阪大学 | Development of Road Asset management budgeting and allocating for Lao PDR | |
| 2021 | Doctor 博士 | Zambia ザンビア | Hokkaido University 北海道大学 | Performance Analysis of Kazungula Bridge in Zambia using Non-Linear Structural Dynamic Finite Element and Artificial Neural Networks Models | 非線形構造動的有限要素および人工ニューラルネットワークモデルを使用したザンビアのカズングラ橋の性能分析 |
| 2021 | Doctor 博士 | Zambia ザンビア | Gifu University 岐阜大学 | International expansion of bridge maintenance expert training program to Unza | |
| 2021 | Doctor 博士 | Laos ラオス | Shibaura Institute of Technology 芝浦工業大学 | Asset Management and Life Cycle Management of Infrastructure in Lao PDR | |
| 2021 | Doctor 博士 | Nepal ネパール | Shibaura Institute of Technology 芝浦工業大学 | Involvement of Private sector for sustainable road asset maintenance & management in Nepal | |
| 2021 | Doctor 博士 | Nepal ネパール | Shibaura Institute of Technology 芝浦工業大学 | To develop a multi-criteria analysis tool for decision-making on Road asset management and investment in context of developing countries | |
| 2021 | Master 修士 | Philippines フィリピン | University of the Ryukyus 琉球大学 | Observation on the management cycle of road and bridge infrastructures in Japan and Philippines: Basis for policy recommendation | |
| 2021 | Master 修士 | Philippines フィリピン | Nagasaki University 長崎大学 | Study on the application of road condition monitoring technology and analyzing road condition monitoring methods | |
| 2021 | Master 修士 | Zambia ザンビア | Kanazawa Institue of Technology 金沢工業大学 | Use of Preventative approach in Zambia's Road Sector as opposed to Corrective Approach in Road Asset Management | |
| 2021 | Master 修士 | Laos ラオス | Shibaura Institute of Technology 芝浦工業大学 | Institutional Development in Transport Sector to achieve Effeictive Asset Management Mechanism in Lao PDR | |

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| 2021 | Master 修士 | Myanmar ミャンマー | Kanazawa Institue of Technology 金沢工業大学 | Sustainable maintenance in road administration based on asset management | |
| 2021 | Master 修士 | Kyrgyzstan キルギス | Kanazawa Institue of Technology 金沢工業大学 | Construction of elevated roads and the solution of problems associated with an increase in the number of vehicles | |
| 2021 | Master 修士 | Kyrgyzstan キルギス | Kanazawa Institue of Technology 金沢工業大学 | Road Disaster Prevention in the Kyrgiz Republic | |
| 2020 | Doctor 博士 | Chile チリ | Tohoku University 東北大学 | Development of dual diagnosis and Assessment Methodology for Bridges Systems as Tools for Post-Earthquake Inspection (Tentative) | |
| 2020 | Doctor 博士 | Ethiopia エチオピア | Osaka University 大阪大学 | Developing Comprehensive Framework for Road Maintenance Delivery Strategy: The Case for Addis Ababa Roads Authority and Ethiopian Roads Authority, Ethiopia | |
| 2020 | Doctor 博士 | Pakistan パキスタン | Shibaura Institute of Technology 芝浦工業大学 | Development of Strategy for Road Asset Management | |
| 2020 | Doctor 博士 | Pakistan パキスタン | Kanazawa Institute of Technology 金沢工業大学 | Efficient, Sustainable and Strategic Road Asset Management System based on Preventive Maintenance for Provincial Roads. | |
| 2020 | Doctor 博士 | Kenya ケニア | Gifu University 岐阜大学 | An Analysis of Terrestrial Lidar Technology versus Global Navigation Satellite Systems (GNSS) Deformation Monitoring of Civil Structures | |
| 2020 | Master 修士 | Philippines フィリピン | Shibaura Institute of Technology 芝浦工業大学 | Monitoring of Carbon Footprint of Construction of Infrastructure Projects in the Philippines | |
| 2020 | Master 修士 | Kenya ケニア | University of the Ryukyus 琉球大学 | TBC | |
| 2020 | Master 修士 | Kenya ケニア | Shibaura Institute of Technology 芝浦工業大学 | Establish and reinforce a Road Asset Management system that encompasses the whole road Network and is applicable on all roads in Kenya as well as properly integrate Bridge management systems comprehensively in Road maintenance. | |
| 2020 | Master 修士 | Bhutan ブータン | Nagasaki University 長崎大学 | Using Artificial Intelligence (AI) to Maintain Bridges in Bhutan | ブータンにおける橋梁の維持管理のための人工知能(AI)の活用について |
| 2020 | Master 修士 | Bhutan ブータン | Shibaura Institute of Technology 芝浦工業大学 | Road Asset Management and Proper Investment Planning | 道路のアセットマネジメント及び適切な調査計画 |
| 2020 | Master 修士 | Bhutan ブータン | Gifu University 岐阜大学 | Investigation of Moisture Damages to Flexible Pavement | 湿潤状況下でのたわみ性舗装の損傷に対する調査 |
| 2020 | Master 修士 | Bhutan ブータン | The University of Tokyo 東京大学 | Road Asset Management using GIS and Remote Sensing: Case Stury in Bhutan | GISとリモートセンシングを使用した道路アセットマネジメントとそのブータンでのケーススタディ |

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| 2020 | Master 修士 | Myanmar ミャンマー | The University of Tokyo 東京大学 | Effective maintenance system for cable type bridges in Myanmar, based on probabilistic approach in statistical analysis of the deterioration curve | |
| 2020 | Master 修士 | Myanmar ミャンマー | Osaka University 大阪大学 | Strengthening of Infrastructures, advance construction technology and development of construction materials | |
| 2020 | Master 修士 | Kyrgyzstan キルギス | University of the Ryukyus 琉球大学 | Modern technologies in the maintenance of bridges and roads | |
| 2019 | Doctor 博士 | Egypt エジプト | Nagasaki University 長崎大学 | Calibration of HDM-4 Pavement Deterioration Models for Leos National Highways | エジプトにおける高速道路アセットの使用と維持管理に係るリスクと不確実性 |
| 2019 | Master 修士 | Bangladesh バングラデシュ | Kanazawa Institue of Technology 金沢工業大学 | Comparative Study of RC Beam Hybrid Strengthening with Thermoplastic and Thermosetting FRP Subjected to Static Loading | 衝撃的負荷を受けたRC梁の構造強化システムのハイブリッド形成 |
| 2019 | Master 修士 | Mongolia モンゴル | Gifu University 岐阜大学 | Crack detection of aged concrete decks based on deep learning image classification | モンゴルにおける道路開発計画の立案、実行、管理及び評価 |
| 2019 | Master 修士 | Philippines フィリピン | Kanazawa University 金沢大学 | Study on the Environmental Monitoring on Proper Maintenance of Concrete Structures with Mortar Sensor (Provisional) | 日比の橋梁マネジメントシステム比較 |
| 2019 | Master 修士 | Philippines フィリピン | University of the Ryukyus 琉球大学 | Research and Development for Infrastructure Lifetime=Extending Maintenance Technology | 国道・橋梁の維持管理に係る修正ガイドラインの施行に関する分析 |
| 2018 | Doctor 博士 | Laos ラオス | Nagasaki University 長崎大学 | Development of Lifetime Extending Maintenance Management of Steel Bridge Structure | 鋼橋の長寿命化に資する維持管理モデルの研究 |
| 2018 | Doctor 博士 | Laos ラオス | Nagasaki University 長崎大学 | The Study on the Inspection and Assessment Method of Bridge Structures for Infrastructure Asset Management | アセットマネジメントのための橋梁点検評価手法 |
| 2018 | Master 修士 | Laos ラオス | Hokkaido University 北海道大学 | Study on Overloading Policy and Technology on Weigh Control in Lao PDR | アセットマネジメントにおける過積載対策及び重量計測技術の効果・影響 |
| 2018 | Master 修士 | Cambodia カンボジア | The University of Tokyo 東京大学 | Estimation of Bridge Construction Years in Cambodia by the Analysis of Landsat Satellite Data | 橋梁維持管理データの活用・分析 |