

Division of Geosciences and Civil Engineering	Research field	Urban and Transportation Engineering	Lab. ID GC08
Laboratory web site	<a href="https://urban-trans.w3.kanazawa-u.ac.jp/yama/en/">https://urban-trans.w3.kanazawa-u.ac.jp/yama/en/</a>		
<b>Research subjects</b>			
<p>We analyze transportation networks and travel behavior based on academic fields such as traffic engineering and statistics.</p> <p>For specific research topics, please refer to our laboratory website.</p>			
<b>Master/Doctor course: Education policy, curriculum, typical activity in the laboratory</b>			
<p>Basically, each student decides on a research theme according to his/her own interests and skills, and conducts his/her own research individually. Common skills (programming – MATLAB or Python, statistical analysis, and mathematical optimization) are studied among students in study groups held by the laboratory.</p>			
<b>Daily life in the laboratory, etc.</b>			
<p>Except for the activities listed below, students are encouraged to pursue their own research at their own pace while attending lectures. Activities as a laboratory are as follows</p> <p>Weekly seminar: Each student is required to present his/her research regularly.</p> <p>Group meeting: Meetings for each research group with several members.</p> <p>Study seminar: study sessions among students to deal with statistics/mathematical optimization/programming.</p>			
<b>Message or comments by the laboratory faculty staffs</b>			
<p>The main focus of this laboratory is to answer the question, "What is the value of long-distance passenger transportation?" To answer this question, we conduct statistical analysis of human behavior data and simulations using mathematical models.</p> <p>We welcome students who are interested in this topic!</p>			
Laboratory mail address	Assitant Prof.H. Yamaguchi<hyamaguchi *at*se.kanazawa-u.ac.jp>		