

Division of Geosciences and Civil Engineering	Research field	Transportation and Disaster Prevention Planning	Lab. ID GC07
Laboratory web site			
Research subjects			
<p>• Research concerning the advancement of tertiary emergency medicine and emergency transport, as well as the introduction evaluation of ambulances and helicopters with doctors on board.</p> <p>In provincial cities, there are large regional disparities in the levels of tertiary emergency medical service. In this study, we examine the optimization of the medical information digital transmission system intended for tertiary emergency transport, as well as consider regional optimized introductions of ambulances and helicopters with doctors on board</p> <p>• Research on tourist destination evaluations and cruise tourism using big data Focusing on twitter and collecting a vast number of sightseeing tweet (“travel tweet”) data, we developed a method of evaluating tourist destinations. In addition, using GPS and lifelog cameras, we analyzed factors in areas tourists visit, travel routes, lunch menus, varieties of souvenirs and so on in order to further improve “Japanese hospitality.”</p>			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
<p>• Seminars Through twice weekly seminar presentations, research progress will discuss future policy.</p> <p>• Academic Action Master’s thesis and graduation thesis results will be presented at various academic conferences domestically and internationally. Japan Society of Civil Engineers, Infrastructure Planning and Management Convention, Traffic Engineer Research Convention, The City Planning Institute of Japan, Japan Association for Earthquake Engineering, Japan Society for Natural Disaster Science, EASTS, USMCA</p>			
Daily life in the laboratory, etc.			
<p>When laboratory room assignments are determined in April, the research themes will be decided, and a spring camp, also serving as a welcome party, will be held. In June, there is a Infrastructure Planning and Management presentation (spring contest), and several people from the laboratory will participate and present their research. In August, mid-term presentations of graduation research and master’s theses will be held, and the summer camp will be held after that. The Infrastructure Planning and Management National Convention is held in September, the Japan Association for Earthquake Engineering Convention, Institute of Seismology and Earthquake Engineering Convention, and USMCA in October, Infrastructure Planning and Management Research Presentation Convention (fall contest) in November. This academic meet season will make for a busy laboratory life. A year-end party will be held in December. After that, research will enter the final push, moving towards final presentations.</p>			
Message or comments by the laboratory faculty staffs			
<p>In laboratories for transportation and disaster prevention city development, we are conducting extensive research on studies concerning transportation (automobiles, Shinkansen bullet trains, airplanes, cruises), regional public transportation, emergency medical care, tourism, disaster prevention, and big data. After laboratory rooms are assigned, in addition to the knowledge gained in undergraduate courses, research will continue while studying various analytical methods, data acquisition methods, GIS, traffic flow simulation software, etc. In addition, we are also carrying out research focused on specific locations, such as implementing damage surveys in areas affected by disasters.</p>			
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