

Division of Environmental Design	Research field	Urban Facilities Analysis	Lab. ID
			ED11
Laboratory web site	<a href="http://pk1pv08.ce.t.kanazawa-u.ac.jp/chikata/labo1/">http://pk1pv08.ce.t.kanazawa-u.ac.jp/chikata/labo1/</a>		
Research subjects			
<p>Mainly, we focus on bridge maintenance planning. Based on regular inspection results of existing bridges, make soundness evaluation, deterioration prediction, LCC analysis etc.</p>			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
<p>Master course: M1 students get skill in using various tools on the computer system for research, mainly supervised by upperclassmen. Students have a seminar once a week with labo members, report the works for the last week, discuss and find the subjects to the next week. Almost all of the doctor course students are holding own steady job. They study after company job or in week end, and have a meeting with the supervisor for summary reports and discussion in monthly or more if necessary.</p>			
Daily life in the laboratory, etc.			
<p>Personal working desk with a personal computer is available for every student.</p>			
Message or comments by the laboratory faculty staffs			
<p>By strategically advancing the studies, the student is expected to become ready to work as an engineer.</p>			
Recent Master theses in these 3 years (+ more if appropriate)			
year.month	Thesis title (including English translation of Japanese thesis title)		
2017.3	Regression analysis of deterioration trend based on bridge inspection data of 3 prefectures in Hokuriku		
2016.3	A consideration of the bridge evaluation index with MTA procedure		
2015.3	Deterioration prediction of steel bridge RC slab in the Hokuriku region by the pattern recognition techniques		
2014.3	Study on the Markov model for deterioration prediction of the social infrastructure facilities		
2013.3	Analysis of the bridge inspection data by SOM		
Recent Doctoral theses in these 3 years (+ more if appropriate)			
year.month	Thesis title (including English translation of Japanese thesis title)		
2014.3	Application of game theory to the maintenance planning of infrastructures		
Laboratory mail address	<a href="mailto:chikata@staff.kanazawa-u.ac.jp">chikata@staff.kanazawa-u.ac.jp</a>		