

Division of Environmental Design	Research field	Environmental science and biomass utilization	Lab. ID
			ED21
Laboratory web site	https://bcl.w3.kanazawa-u.ac.jp/en_index.html		
Research subjects			
<p>Biomass, a sustainable resource, is becoming more important as a substitute for limited resources such as petroleum. We study the use of biomass which is a resource derived from plants and animals, such as woods, grasses, agricultural products, and organic wastes. For example, the brown transparent film made from wood (transparent wood), which we developed with our original method, is highly biodegradable and is expected to be a material that is less harm the environment. We are trying to find new usage of biomass through various experiments.</p>			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
<p>We will lead you to acquire knowledge and scientific manners that you can apply in the future as researchers and engineers. Students will develop the ability to study independently through planning and conducting experiments, recording data, summarizing, and discussing the results. Students will also learn how to read papers and present their study, and research ethics. In graduate school, we hope that students will build a foundation for the future in graduate school. In order to make progress in your research, you will have regular opportunities to exchange opinions with faculty members and other students, and also receive guidance from faculty members in other fields in joint seminars with other laboratories.</p>			
Daily life in the laboratory, etc.			
<p>We often interact with other laboratories and have many contacts with international students, allowing us to study in a diverse environment.</p>			
Message or comments by the laboratory faculty staffs			
<p>The joy of research is we can first discover something that no one else in the world knows. As the saying goes "standing on the shoulders of giants", our research is based on the accumulated research of our predecessors, and our research can also contribute to gain new knowledge in the future. It is wonderful to be able to connect with the world through research. If you are interested in discovering something new, or if you want to contribute to society through your research in which your personality and abilities utilize, let's study together.</p>			
Recent Master theses in these 3 years (+ more if appropriate)			
year.month	Thesis title (including English translation of Japanese thesis title)		
Recent Doctoral theses in these 3 years (+ more if appropriate)			
year.month	Thesis title (including English translation of Japanese thesis title)		
Laboratory mail address	Yuri Nishiwaki-Akine <nishiwaki *at* staff.kanazawa-u.ac.jp>		