

Division of Geosciences and Civil Engineering	Research field	Petrology and Volcanology	Lab. ID GC21
Laboratory web site	http://earth.s.kanazawa-u.ac.jp/introduce/rock.html		
Research subjects			
<p>We study the nature and origin of igneous and metamorphic rocks, constituents of the Earth's crust and mantle. Our goal is to understand the principles and processes and evolution of earth and solid planets by analyzing the information of the generation and migration of magmas, and dynamics of plate movement and mantle recorded in the rocks by means of petrological and geochemical analyses, including chemical analyses of bulk and microspots of rocks and minerals, macro- and micro-textural analyses, computer simulation.</p>			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
<p>Students are requested to periodically report to their advisers and to discuss the progress and plans of their researches based on mutual understanding. In the group seminar held once a week, students are expected to acquire the way of objective evaluation of the researches done by others and to deepen their understanding of the researches by exchanging opinions and discussion with academic staffs and other students. Students must make presentations on their theses at least three times during the two-year master's course and the three-year doctoral course.</p>			
Daily life in the laboratory, etc.			
<p>Students have chances to visit various places in the world during field works depending on their research topics. To see foreign and/or local cultures and wild nature during the field investigations will be an exciting experience. Students are allocated a desk of his/her own in the students' room adjacent to the labs. Internet and LAN facilities and color printers are available.</p>			
Message or comments by the laboratory faculty staffs			
<p>The most important thing in natural science is the observation of natural phenomena through which the most fundamental, essential issues will be discovered. We therefore expect students to go out into the field and experience the sense of natural wonder of nature by themselves through their eyes, hands and feet.</p>			
Laboratory mail address	Morishita <moripta@staff.kanazawa-u.ac.jp>, Mizukami <peridot@staff.kanazawa-u.ac.jp>, Dey <bidisha-dey@se.kanazawa-u.ac.jp>		