Division of Material Chemistry	Research field	Analytical and Environmental Chemistry	Lab. ID MC10
Laboratory web site	http://araim.ch.t.kanazawa-u.ac.jp/		

Research subjects

1) Technology for separation of metals from waste materials and contaminated soils, including extraction of metals using chelant washing, and separation with a solid phase extraction system based on supramolecule interaction, 2) Development of remediation technology utilizing the natural cycle of trace metals, 3) Behavior of trace element in hydrosphere based on speciation analysis.

Master/Doctor course: Education policy, curriculum, typical activity in the laboratory

– As for foreign students, all activities or correspondences in the laboratory can be done in English. We have several foreign students every year.
– Master course: Students belong to one research group and study on their own subject under the guidance of supervisors. The students join the meeting in the research group every week. They also present their research results at a conference.
– Doctor course: Students are encouraged to participate international conferences, and must publish research articles in some international journals for their doctor's degree.

Daily life in the laboratory, etc.

・All students have their working desk for study and lab bench for experiment in the laboratory.
・Various analytical instruments and experimental installation are available.
・We have many opportunities to collaborate with foreign researchers in other universities and with company researchers through joint research programs.
・We've established a global educational and research environment where Japanese and foreign students are working together in the laboratory.

Message or comments by the laboratory faculty staffs

– We welcome foreign students who want to elucidate phenomena in natural cycle of trace metals and toxic metal contamination in the fields, and to improve environmental+L29 problems both on regional and global scales.
– During the research process, students contact to several researches in a very broad spectrum of chemical+K29 and biological sciences.

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