Practices of collaboration program with residents' associations
for safe and healthy town development

Masao Miura
Shibaura Institute of Technology

Safety and healthiness in district scale is the important subject. Local problem such as darkness of streets at night and traffic noise should be solved for safe and healthy town planning. Residents are expected to be positive for such activities. It is necessary for them to investigate present conditions by themselves to discuss about a future vision. On the other hand, measurement of the environmental elements in the field of environmental engineering such as light, sound, air and heat, need the support by experts in terms of measurement devices and expertise. On this collaboration program, my laboratory focused on the residents' association as an organization of residents. Students of my laboratory and members of residents' associations measured the actual conditions and had meetings to seek solutions. From 2001 to 2012, total 30 residents associations experienced the collaboration program, which has character of the civic education. The first effect of the program is the actual improvement of the present conditions or the beginning of activity for the improvement based on the quantitative data. The second effect is the enhancement of solidarity of the residents' association. The possibility is expected that residents' association takes action at the time of a big disaster with such solidarity.