

Current program and its related perspectives on Environmental Groundwater Leader Program at Kumamoto University.

Jun Shimada^{1*}, Makoto Kagabu¹

¹Graduate school of Science and Technology

Waters for urban lives, agriculture, and industry are all supplied by groundwater in Kumamoto City with population over 700,000. Owing to the extensive existence of porous lava flows (Togawa Lava) and pyroclastic flow deposits from Mt. Aso, water is excellent in quality. Because of the richness in amount and quality, Kumamoto City is well known as the top groundwater city in Japan. For the sustainable management of local

groundwater resources, Kumamoto City has already started to implement advanced management of groundwater resource in consideration of the total groundwater system from the recharge to discharge areas. Such background is very preferable to establish a groundwater environmental program at Kumamoto University and Groundwater Environmental Leader Program (GelK) was born in 2010. We would explain its current situation and future prospects.

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