

Research about systematization of research method of river water quality

[Point]

River water quality research has currently been conducted based on river erosion control technical standard (proposal), but it has been required to create river water quality research guideline (proposal) that organizes concepts of detailed research items, research sites, and research frequency, in order to create research plan that corresponds to water quality research that is conducted by river administrator, as a result of diversified research objectives. Therefore, the purpose of this research is to improve efficiency of water quality research by clarifying validity of water quality measurement and conducting systematization of river water quality research, and this research is collaboratively conducted by representatives of water quality in each Ministry of Land Local Development Bureau and offices of technology in each Local Development Bureau in order to summarize the outcomes as “River water quality research guideline.” Civil Engineering Research Institute among these was in charge of organizing perspectives of general theory including objectives and research plan of mainly water quality research, and in charge of bottom sediment research with delayed research systematization, especially research method of dissolution volume especially from bottom sediment, and new knowledge of dissolution test conditions such as test period was obtained.