A Study on 'Academic-Specialized ICT Convergence' Research Methodology
-Focused on Utilizing Digital Maps-

One of the most representative keywords of the 4th Industrial Revolution is 'convergence.' In academic fields, the demands and needs for convergence are increasing these days. In this regard, the studies and methods to utilize 'Information Technology' as a methodology for research are gaining more attention. In this study, the author examined the 'Academic ICT-Convergence,' which is, the methodologies of ICT-Convergence in academic fields. To be more specific, the author intended to examine the limitations of the existing 'Academic ICT - convergence' research methodologies and suggests a solution for the issues. For this, the author intends to prove the 'Academic ICT-convergence' research methodologies suggested herein with case studies. The cases that were examined in this study are as follows; Area Studies, which is a discipline of humanities studies, has clear needs of utilizing 'Digital Maps' for the effective visualization and proliferation of the study results, as well as its efficiency, has been suggested for years. This is because maps are the most intuitive and implicative visual-representative interface of the geographical knowledge, which is the basis of geographical studies. This study focuses on digital maps, which have the potential as a key content of regional studies, and examines the cases of applying them in regional study projects based on the 'academic ICT convergence' study methodologies suggested herein.