

Recording and Utilization of Cultural Property Information via Digital Technologies

Table of Contents

I . Utilization of digital technology in the cultural property field	
[1] Introduction of digital technology to protect of buried cultural properties 1 (Cultural Properties Second Division, Agency for Cultural Affairs-Japan)	1
[2] Adoption of digital technology in photographing cultural properties 7 NAKAMURA Ichiro (Nara National Research Institute for Cultural Properties)	7
[3] Application of 3D Documentations for Archaeological Survey 13 KANEDA Akihiro(Nara National Research Institute for Cultural Properties)	13
[4]Long-term trend of the digital technique application for the cultural properties 21 MORIMOTO Susumu (Nara National Research Institute for Cultural Properties)	21
[5] The Digitization of the Drawings, Photographic films and Negatives 25 OHASHI Hideaki (Toppan Printing Co., Ltd.)	25
II . Utilization of Geographic information system (GIS) in cultural property administration	
[6] Basic knowledge of GIS in cultural property survey and practical operation method of QGIS 29 ISHII Junpei (Assabu)	29
[7] Utilization of GIS in Fuchu City, Tokyo 50 HIROSE Mariko (Fuchu City Hall)	50
[8] Utilization of site maps in the GIS system of Kyoto Prefecture 57 NAKAI Kazushi (Kyoto Prefectural Board of Education)	57
[9] GIS utilization in the cultural asset excavation section of Fukuoka City 61 ITAKURA Yudai (Cultural asset excavation section, Fukuoka City Government)	61
[10] Utilize archeological information from excavation surveys 66 HORIKI Mamiko (Aichi Prefectural Center for Archeological Operations)	66
III . Utilization of archeological information from excavation surveys and electronic publication of archaeological excavation reports	
[11] Potential of public utilization of archaeological reports 70 KUNITAKE Sadakatsu (Nara National Research Institute for Cultural Properties)	70
[12] New possibilities for the dissemination of information via electronic publication of archaeological reports 73 TAKATA Yuichi (Nara National Research Institute for Cultural Properties)	73
[13] Archaeological excavation reports from the viewpoint of libraries 79 YADA Takafumi (Shimane University Library)	79
[14] Collection of archaeological site data in collaboration with Comprehensive Database of Archaeological Site Reports in Japan 86 NOGUCHI Atsushi (Nara National Research Institute for Cultural Properties)	86
[15] Copyright Issues Surrounding Online Publication of Archaeological Site Reports and 3D Scanning of Cultural Properties 91 SUDO Masahiko (Attorney at law, Gojo Partners)	91