

## SER no.028; Cover, contents, and others

journal or publication title	Senri Ethnological Reports
volume	28
year	2002-03-15
URL	<a href="http://hdl.handle.net/10502/1423">http://hdl.handle.net/10502/1423</a>

**Global Digital Museum (GDM) for  
Museum Education on the Internet**

**Edited by  
Shigeharu Sugita  
Jung-Kook Hong  
Tatsuhiko Fujii  
John Reeve  
Geraldine Gay**

**National Museum of Ethnology  
Osaka 2002**

Copyright © 2002 by the National Museum of Ethnology. Published by the National Museum of Ethnology, Senri Expo Park, Suita, Osaka, 565-8511 JAPAN. Printed by Nakanishi Printing Co., Ltd. Kyoto, JAPAN.

# **Global Digital Museum (GDM) for Museum Education on the Internet**

Edited by

**Shigeharu Sugita**

**Jung-Kook Hong**

**Tatsuhiko Fujii**

**John Reeve**

**Geraldine Gay**

**National Museum of Ethnology**

**Osaka 2002**



## Contents

Preface	5
1 Introduction	
<i>Shigeharu Sugita, Jung-Kook Hong</i>	11
2 Museum Education Applications and Audiences	
2.1 Modernization of Libraries and Museums	
<i>Tsuneyuki Morita</i>	21
2.2 The Utilization of Museums and divers Learning in School Education	
<i>Megumu Ujitani</i>	31
2.3 A Scheme for cross-searching of Multimedia Databases	
<i>Masatoshi Kubo</i>	41
2.4 Museums and Multimedia	
<i>Kirsten Boehner</i>	47
3 GDM Prototype System	
3.1 Concept and Implementation	
<i>Junichi Takahashi, Jung-Kook Hong</i>	69
3.2 Network Architecture	
<i>Takayuki Kushida</i>	93
3.3 Integration of Payments into GDM	
<i>Younosuke Furuii, Amane Nakajima</i>	111
4 GDM User Interface Design	
<i>Wendy Martin, Geraldine Gay, Robert Rieger &amp; Nony Korf</i>	123
5 GDM Multimedia Museum Contents (MMC)	
5.1 Contents Summary	
<i>Tatsuhiko Fujii</i>	135
5.2 MMC (1): Mongolia	
<i>Yuki Konagaya</i>	137
5.3 MMC (2): Korea	
<i>Toshio Asakura</i>	140
5.4 MMC (3): Indonesia	
<i>Shota Fukuoka</i>	142
5.5 MMC (4): Mesoamerica	
<i>Yoshiho Yasugi</i>	146
5.6 MMC (5): The British Museum	
<i>Rowena Loverance</i>	148
5.7 HRAF Use for global Indexing	
<i>Keiko Fukukawa</i>	153
6 GDM Prototype Evaluation	
<i>Geraldine Gay, Robert Rieger, Wendy Martin</i>	161
7 Conclusion	187

## 8 Discussion on Future Directions of GDM

### 8.1 The View toward the Information Exhibition

*Yasuyuki Kurita*—————193

### 8.2 Museums, ICT and Education

*John Reeve*—————201

### 8.3 Museums and GUI

*Geraldine Gay*—————207

## Appendix

### A1 Project Members and History

*Junichi Takahashi*—————211

### A2 Glossary

*Junichi Takahashi*—————219

# **1 Introduction**





## **2 Museum Education Applications and Audiences**



### **3 GDM Prototype System**



## **4 GDM User Interface Design**



## **5 GDM Multimedia Museum Contents (MMC)**





## **6 GDM Prototype Evaluation**



## **7 Conclusion**



## **8 Discussion on Future Directions of GDM**



## **Appendix**





---

平成14年3月15日 発行 非売品

**Senri Ethnological Reports No.28**

編 者 Shigeharu Sugita  
Jung-Kook Hong  
Tatsuhiko Fujii  
John Reeve  
Geraldine Gay

発 行 国立民族学博物館  
〒565-8511 吹田市千里万博公園10-1  
TEL 06 (6876) 2151 (代表)

印 刷 中西印刷株式会社  
〒602-8048 京都市上京区下立売通小川東入  
TEL 075 (441) 3155 (代表)

---

