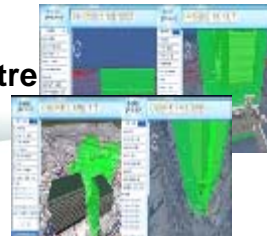


I. Introduction

Background

● In South Korea

- Spatial information industry growing
- Enactment of laws
- High demand for 3-dimensional cadastre



Korea Cadastral Survey Corporation

Current Status

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Korea Cadastral Survey Corporation

- In charge of Cadastral Survey
- Performing Scanning business using terrestrial LiDAR



Cave



Golf Course



Cultural Heritage

Korea Cadastral Survey Corp..

Why Cultural Heritage?

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For Restoration

Korea Cadastral Survey Corp..

II. Projects Introduction

Overview

Project • "Naksan Temple" Scanning Project (Performed by KCSC)

Period • 23, June. 2009 ~ 26, June. 2009(4days)

Scanning Targets



"Wontong bojun " building



"Chilcheung Seoktab " stone tower



"Haesu Kwanumsang" statue of the Buddah

Objective

- **Managing National Land & Ownership**
- Generating 3-dimensional model of Scanned target

Control Point Survey

Final Output(1)

9



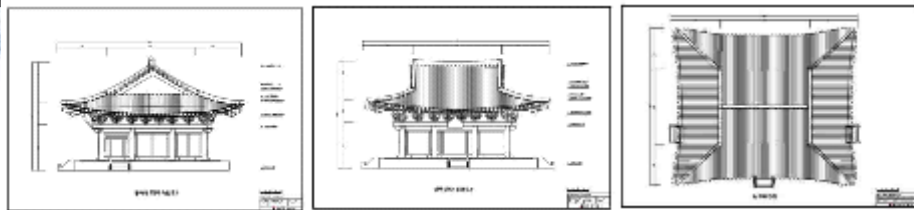
"Chilcheung Seoktab" 3D Model



Hologram of "Haesu Kwanumsang"

Final Output(2)

10



Cad Drawings



Google Registration

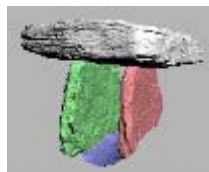
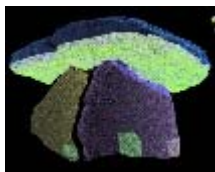
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Cases(1)

11

● Period: : 2009. 7. 21 ~ 7. 24(4days)

● Targets: Dolmen



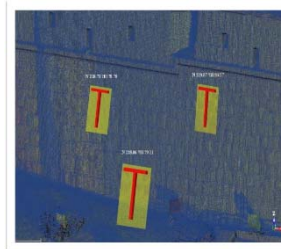
Korea Cadastral Survey Corp..

Cases(2)

12

● Period: : 2009. 8. 18 ~ 8. 21(4days)

● Targets: Fortress



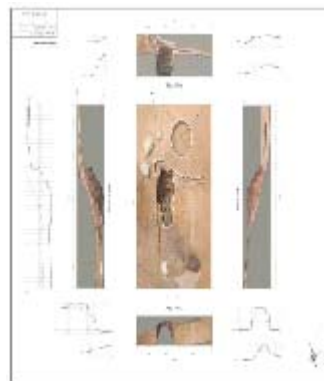
Korea Cadastral Survey Corp..

Cases(3)

13

● Period: : 2009. 9. 12 ~ 9. 15(4days)

● Targets: Kiln Site



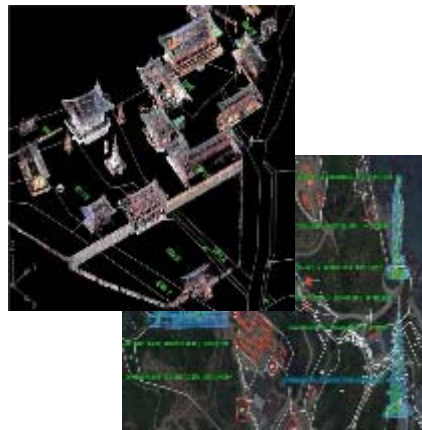
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IV. Core Competitiveness

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● Overlap of 3D Data & Cadastral Map

- Management of 3D Data & Cadastral Data
- Restoration with Real World Position
- Management of National Land & Ownership



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V. Conclusion

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- Spatial information industry growing
- One major spatial information business In KCSC
⇒ Cultural Heritage Scanning using Terrestrial LiDAR

- **KCSC'S Core Competitiveness**
⇒ **Management of National Land & Ownership**

 Korea Cadastral Survey Corp..

Thank You

Hyun il, Yoo
yoo030303@kcsc.co.kr

 Korea Cadastral Survey Corp..