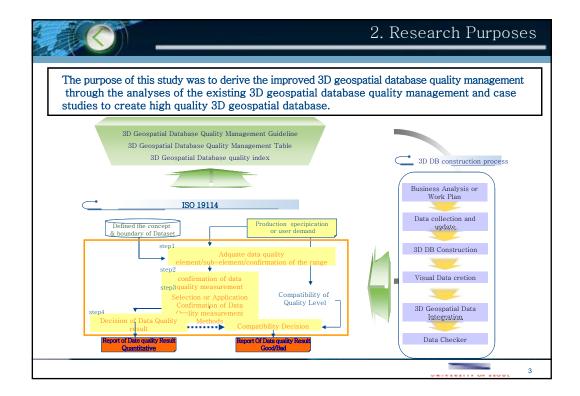


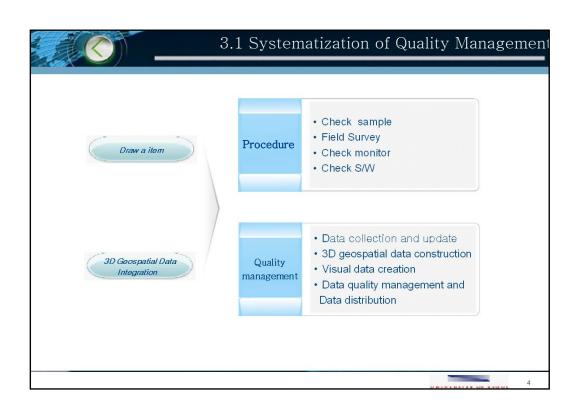


1. Research Background

- As the importance of implementing 3D geospatial data has being emphasized to build a 21st century knowledge society and ubiquitous land, the demand for 3D geospatial data has been increased.
- In recent many researches and developments on the construction and applications of 3D Geospatial data have been in progress at the public and private sector over the world.
- The 3D geospatial data can be used in decision making process to support a spatial planning such as urban planning, facilities management, landscape management and emergency management through the 3-dimentional interpretation and presentation of a real world.

2





| | | T | | | |
|--------------------|-----------------------|--|--|--|--|
| Component | | Content | | | |
| contact | | - Resonable adjust control for inspection performance organization or overall work | | | |
| Site inspection | | - Investigation of 3D DB Construction check list | | | |
| Data inspection | Monitor Inspection | - 3D DB Con struciton Inspection through the screen - Close or Structured inspection or construction layers | | | |
| | S/W | -2D Structuring or 3D Spatial Information or visualization | | | |

| | component | | | | | |
|--------------------|------------------------------|---------------------------------|----------------------|--------|----------|------------------|
| DB quality element | DB quality Advanced elements | DB quality minor detail | Quality Standards | Result | Measures | Quality Index |
| | Excess | N/A | | | | |
| Completeness | Missing | Missing Target area | | | | |
| | | Missing objects | | | | |
| | Concept Consistency | Visualization Consistency | | | | |
| | | DB Definition | | | | |
| | | Consistency or Raw Materials | | | | |
| Logic | Domain Consistency | Areas Consistent | | | | |
| Consistency | Format Consistency | Shape DB Format | | | | |
| | | Attribute DB Format | | | | |
| | | Visualization Format | | | | |
| | | Image DB Format | | | | |
| | Phase Consistency | 2D Structuring | | | | |
| | | 3d Structuring | | | | |

