



Special Panel on the "40th Anniversary of the Landsat Programme and the Worldwide Evolution of Remote Sensing from Space"

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Thailand's Ground Receiving Station

Latkrabang (1982-2012)



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Landsat Data Statistics

Acquisitions

| Landsat-2/3 | Landsat-4 | Landsat-5 | Landsat-7 |
|-------------|-----------|-----------|-----------|
| 1982-1983 | 1983-1987 | 1984-2011 | 2001-2004 |

Archives

| Landsat-2...5 (MSS) | Landsat-5 (TM) | Landsat-7 (ETM+) |
|------------------------|-------------------|---------------------|
| 52,450 scenes | 205,764 scenes | 25,840 scenes |

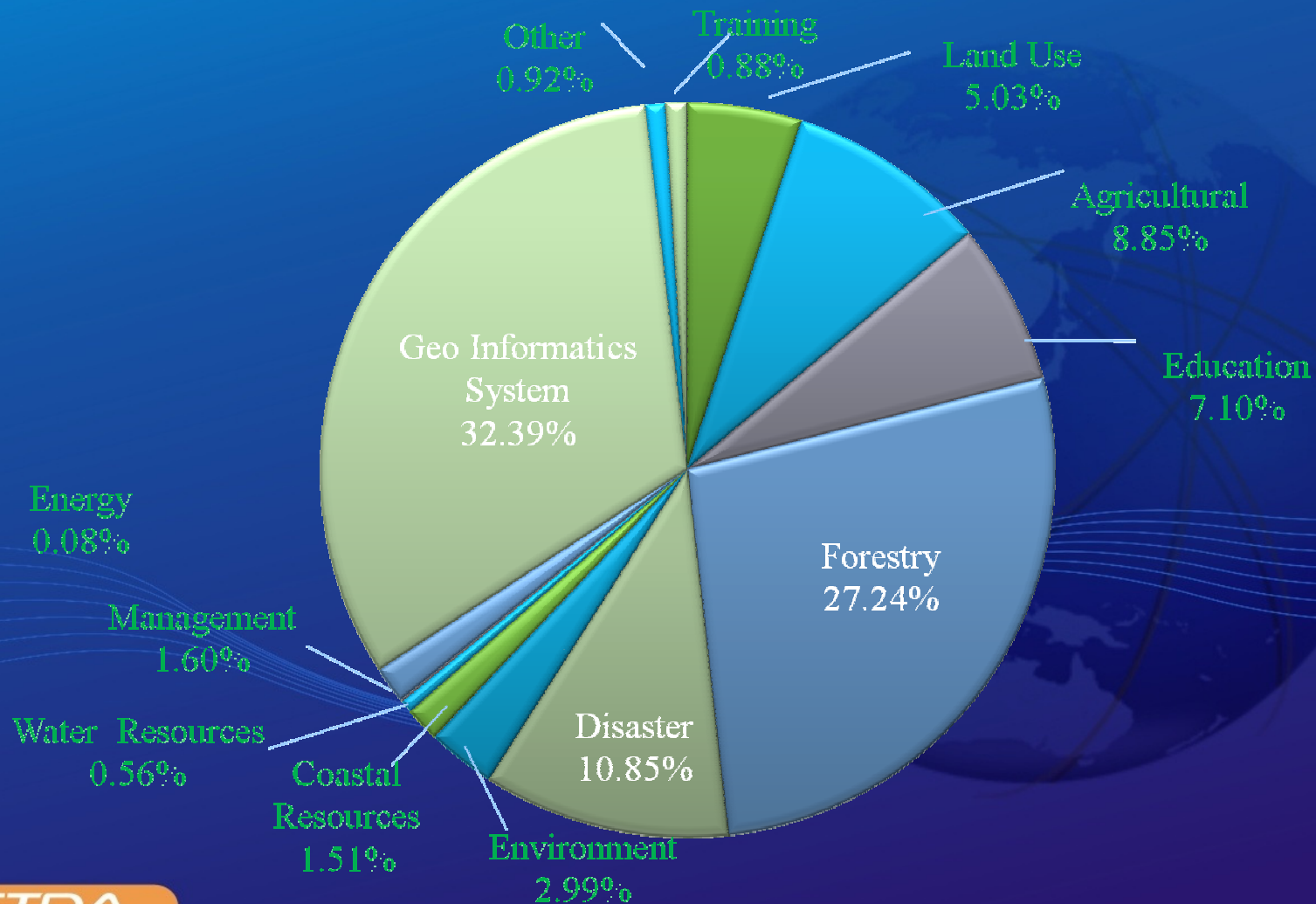
Data distributions

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |
|---------------------------|------------|------------|------------|------------|------------|--------------|--------------|------------|--------------|--------------|--------------|
| Landsat-5 (scenes) | 633 | 65 | 96 | 305 | 671 | 1,318 | 1,400 | 858 | 1,915 | 2,804 | 2,695 |
| Landsat-7 (scenes) | 48 | 169 | 300 | 153 | 31 | 59 | 28 | 27 | 6 | 88 | 9 |
| Total (scenes) | 681 | 234 | 396 | 458 | 702 | 1,377 | 1,428 | 885 | 1,921 | 2,892 | 2,704 |



Data Distribution Statistics

Landsat Data Application (CY 2011)





Applications of Landsat Imagery

In Thailand, Landsat data has become a valuable resource for decision makers in various fields. Landsat has also played an increasing role in diverse applications:

- Disaster Monitoring

Landsat can provide suitable systematic, repeat coverage for forest monitoring, forest fire, change detection and water management incase of flood and drought.

- Economic crop monitoring

Landsat data is useful in the field of agricultural includes product estimation, crop evaluation and yield. Because Landsat can provide fast and frequent fundamental inventories which requires for accurate estimation.

- Land use & Mapping

As human populations increases and dominate the Earth's surface, the understanding of changes and land use becomes increasingly important for both decision making and urban planning.