A Big Earth Data Platform for Three Poles

**WATER: Dataset of airborne LiDAR mission at the super site in the Dayekou watershed flight zone on Jun. 23, 2008**

1、Description

The dataset of airborne LiDAR mission at the super site in the Dayekou watershed flight zone on Jun. 23, 2008 included peak pulse data (\*.LAS), full waveform data (.lgc), CCD photos, DEM, DSM and DOM. The flight routes were as follows:

{|
! flight route
! startpoint lat
! startpoint lon
! endpoint lat
! endpoint lon
! altitude (m)
! length (km)
! photos
|-
| 1 || 38°31′59.71″ || 100°14′54.02″ || 38°31′43.04″ || 100°15′44.28″ || 3550 || 1.3 || 7
|-
| 2 || 38°32′01.21″ || 100°14′54.82″ || 38°31′44.53″ || 100°15′45.08″ || 3550 || 1.3 || 7
|-
| 3 || 38°32′02.70″ || 100°14′55.62″ || 38°31′46.03″ || 100°15′45.88″ || 3550 || 1.3 || 7
|-
| 4 || 38°32′04.20″ || 100°14′56.42″ || 38°31′47.52″ || 100°15′46.69″ || 3550 || 1.3 || 7
|-
| 5 || 38°32′05.69″ || 100°14′57.23″ || 38°31′49.01″ || 100°15′47.49″ || 3550 || 1.3 || 6
|}

2、Keywords

Theme：Airborne laser radar,Remote Sensing Technology,CCD
Discipline：Remote Sensing Technology
Places：Heihe River Basin, Dayekou watershed foci experimental areas, Forest and Hydrology Experimental Areas
Time：2008,

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：14999.8MB

4.Data format：

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.75 | - |
| west：100.15 | - | east：100.5 |
| - | south：38.45 | - |

5、Time frame:2018-11-24 02:50:15+00:00--2018-11-24 02:50:15+00:00

6、Reference method

References to data:

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7、Supporting project information

The CAS (Chinese Academy of Sciences) Action Plan for West Development Project
National Program on Key Basic Research Project (973 Program

8、Data resource provider

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