

2012

<

12&ZD146

2013

5

2013 4 8

<

1.

2.

1. 2004

2.

3.

4.

1.

2.

3.

1.

2.

3.

1. 2013 2014 2015

2016

2017

2.

2015

12

2016

2016 10

3.

2015 12

4.

2015 6

5.

6.

1.

~~~~~ < >

2.

~~~~~

3.

4.

Access

word

word

Access

word

word

Access

GIS

GIS

QDGIS

QDGIS

QDGIS GIS

1.

1.

2.

3.

2 2013 3 28

2013 4 8

•

•

•

7

15901137433

hualinfu@263.net

100872