

Definizione del sistema di proiezione Gauss Boaga sul sistema di riferimento
Roma 40 in GRASS 6.0

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*****  
Gauss Boaga su Roma 40 - Fuso ovest  
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Creando la location:

Would you like to create location <gauss_boaga_w> ? (y/n) y

Do you have all this information for location <gauss_boaga_w> ? (y/n) y

Please specify the coordinate system for location <gauss_boaga_w>

- A x,y
 - B Latitude-Longitude
 - C UTM
 - D Other Projection
- RETURN to cancel

>D

Other Projection coordinate system? (y/n) [y] y

Please enter a one line description for location <gauss_boaga_w>

> Gauss Boaga su Roma40 - Fuso ovest

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=====  
Gauss Boaga su Roma40 - Fuso ovest  
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ok? (y/n) [y]y
```

Please specify projection name
Enter 'list' for the list of available projections
Hit RETURN to cancel request
>tmerc

Do you wish to specify a geodetic datum for this location?(y/n) [y]
y

Please specify datum name
Enter 'list' for the list of available datums
or 'custom' if you wish to enter custom parameters
Hit RETURN to cancel request
>rome40

Now select Datum Transformation Parameters
Enter 'list' to see the list of available Parameter sets
Enter the corresponding number, or <RETURN> to cancel request
>4

Enter Central Parallel [lat_0] (23N) : 0

Enter Central Meridian [lon_0] (96W) : 9E

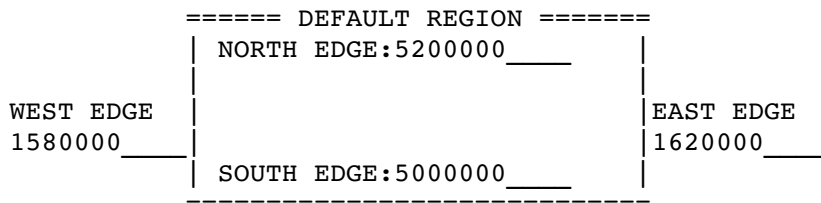
Enter Scale Factor at the Central Meridian [k_0] [1.0000000000]:
0.9996

Enter False Easting [x_0] [0.0000000000]: 1500000

Enter False Northing [y_0] [0.0000000000]:

Enter plural form of units [meters]:

DEFINE THE DEFAULT REGION



PROJECTION: 99 (Other Projection) ZONE: 0

GRID RESOLUTION

East-West: 1 _____
North-South: 1 _____

AFTER COMPLETING ALL ANSWERS, HIT <ESC><ENTER> TO CONTINUE
(OR <Ctrl-C> TO CANCEL)

projection: 99 (Other Projection)
zone: 0
north: 5200000
south: 5000000
east: 1620000
west: 1580000

e-w res: 1
n-s res: 1

total rows: 200000
total cols: 40000
total cells: 8,000,000,000

Do you accept this region? (y/n) [y] >y
LOCATION <gauss_boaga_w> created!

GRASS:~ > g.region -l
long: 10.05835 lat: 47.11687 (north/west corner)
long: 10.58734 lat: 47.11076 (north/east corner)
long: 10.02420 lat: 45.31072 (south/west corner)
long: 10.53615 lat: 45.30498 (south/east corner)
rows: 200000
cols: 40000
GRASS:~ >

Gauss Boaga su Roma 40 - Fuso est

Creando la location:

Would you like to create location <gauss_boaga_e> ? (y/n) y

Do you have all this information for location <gauss_boaga_e> ? (y/n) y

Please specify the coordinate system for location <gauss_boaga_e>

- A x,y
 - B Latitude-Longitude
 - C UTM
 - D Other Projection
- RETURN to cancel

>D

Other Projection coordinate system? (y/n) [y] y

Please enter a one line description for location <gauss_boaga_e>

> Gauss Boaga su Roma40 - Fuso est

=====
Gauss Boaga su Roma40 - Fuso est
=====

ok? (y/n) [y]y

Please specify projection name
Enter 'list' for the list of available projections
Hit RETURN to cancel request
>tmerc

Do you wish to specify a geodetic datum for this location?(y/n) [y]y

Please specify datum name
Enter 'list' for the list of available datums
or 'custom' if you wish to enter custom parameters
Hit RETURN to cancel request
>rome40

Now select Datum Transformation Parameters
Enter 'list' to see the list of available Parameter sets
Enter the corresponding number, or <RETURN> to cancel request
>4

Enter Central Parallel [lat_0] (23N) : 0

Enter Central Meridian [lon_0] (96W) : 15E

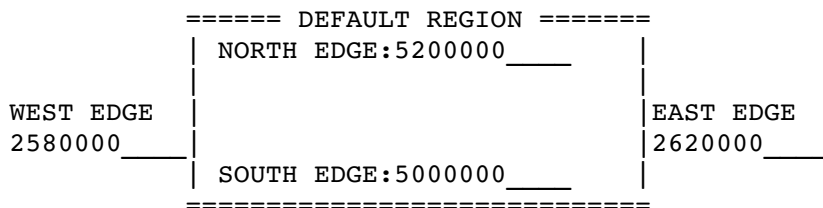
Enter Scale Factor at the Central Meridian [k_0] [1.000000000]:
0.9996

Enter False Easting [x_0] [0.000000000]: 2520000

Enter False Northing [y_0] [0.000000000]:

Enter plural form of units [meters]:

DEFINE THE DEFAULT REGION



PROJECTION: 99 (Other Projection) ZONE: 0

GRID RESOLUTION

East-West: 1 _____
North-South: 1 _____

AFTER COMPLETING ALL ANSWERS, HIT <ESC><ENTER> TO CONTINUE
(OR <Ctrl-C> TO CANCEL)

projection: 99 (Other Projection)
zone: 0
north: 5200000
south: 5000000
east: 2620000
west: 2580000

e-w res: 1
n-s res: 1

total rows: 200000
total cols: 40000
total cells: 8,000,000,000

Do you accept this region? (y/n) [y] >y
LOCATION <gauss_boaga_e> created!

GRASS:~ > g.region -l
long: 15.78844 lat: 46.94992 (north/west corner)
long: 16.31395 lat: 46.94509 (north/east corner)
long: 15.76323 lat: 45.15009 (south/west corner)
long: 16.27196 lat: 45.14555 (south/east corner)
rows: 200000
cols: 40000
GRASS:~ >