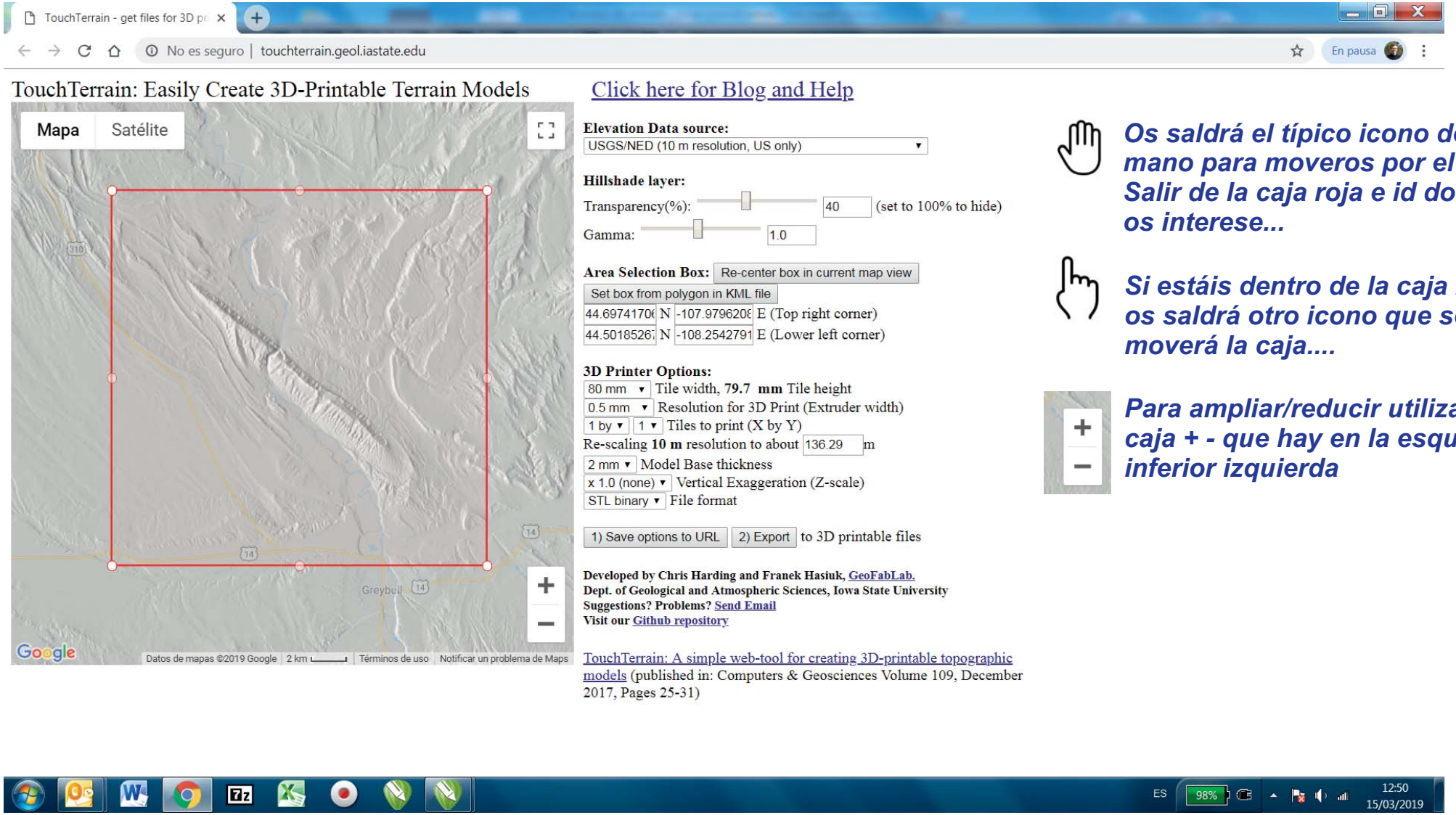
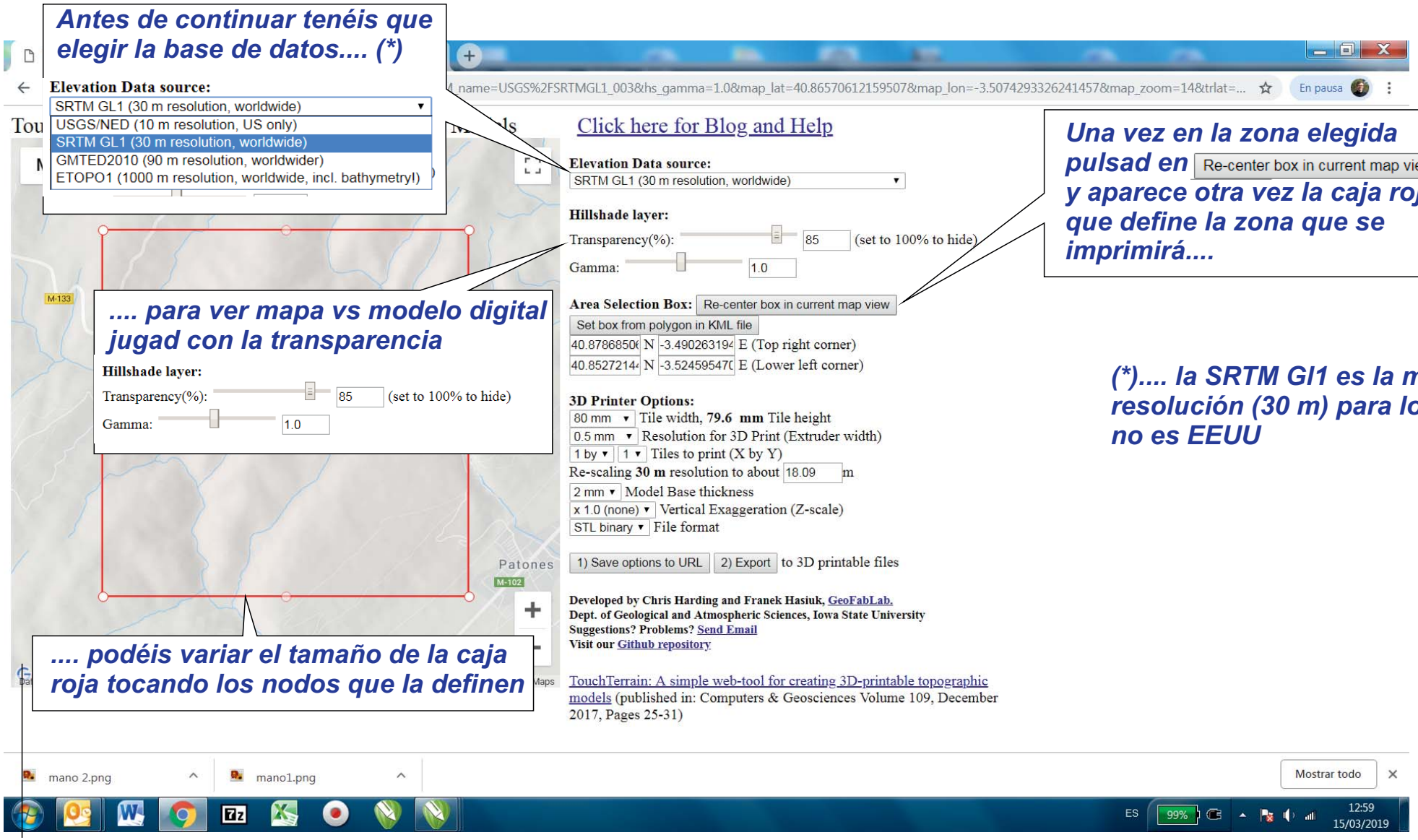
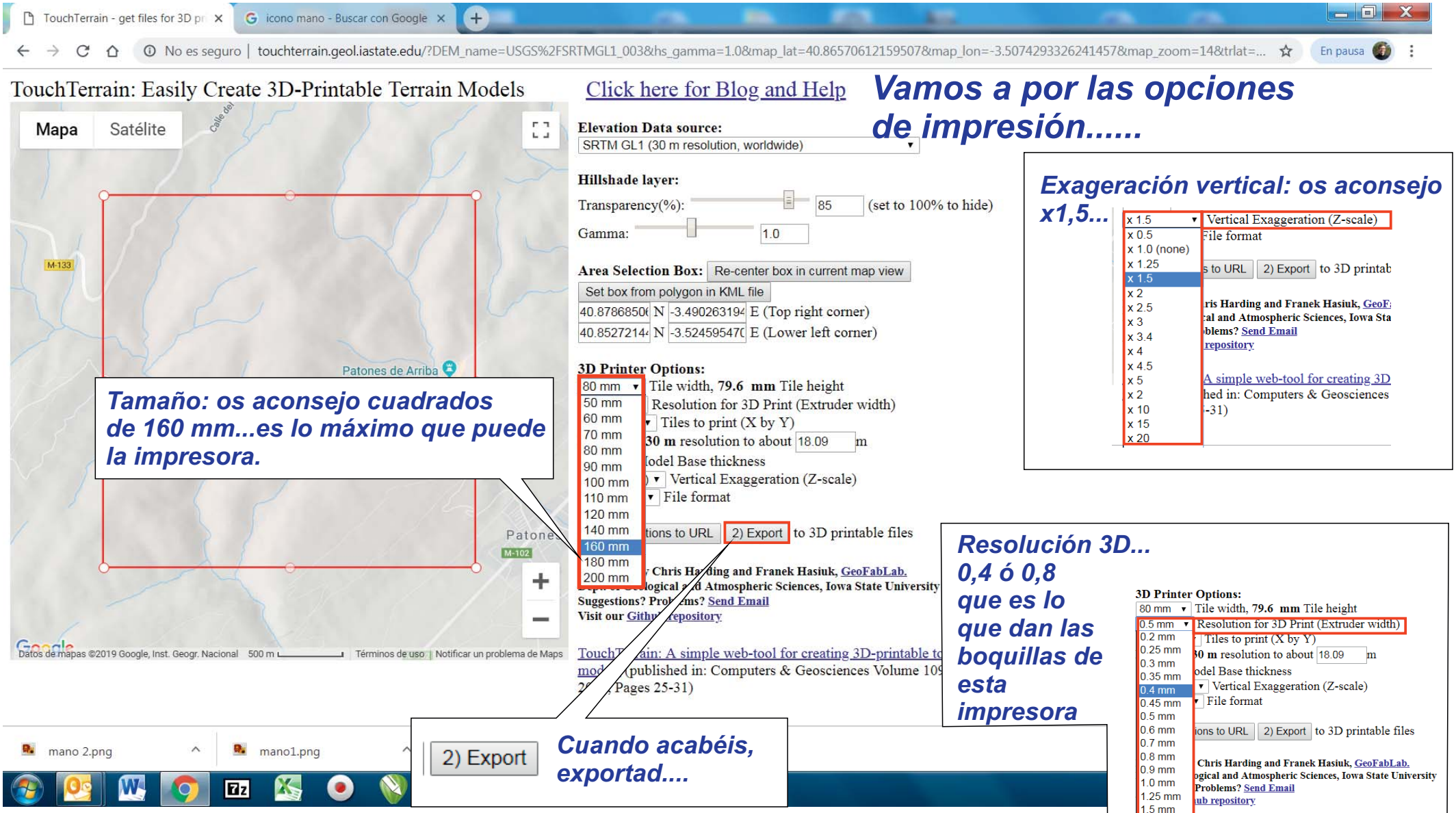


Os saldrá el típico icono de la mano para moveros por el mapa. Salir de la caja roja e id donde os interese...

Si estáis dentro de la caja roja, os saldrá otro icono que sólo moverá la caja....

Para ampliar/reducir utilizad la caja + - que hay en la esquina inferior izquierda


Antes de continuar tenéis que elegir la base de datos.... (*)
Elevation Data source:
SRTM GL1 (30 m resolution, worldwide)
USGS/NED (10 m resolution, US only)
SRTM GL1 (30 m resolution, worldwide)
GMTED2010 (90 m resolution, worldwider)
ETOPO1 (1000 m resolution, worldwide, incl. bathymetry!)
Click here for Blog and Help
Elevation Data source:
SRTM GL1 (30 m resolution, worldwide)
Hillshade layer:
Transparency(%): 85 (set to 100% to hide)
Gamma: 1.0
Area Selection Box: Re-center box in current map view
Set box from polygon in KML file
40.8786850(N -3.49026319- E (Top right corner)
40.8527214- N -3.52459547(E (Lower left corner)
3D Printer Options:
80 mm Tile width, 79.6 mm Tile height
0.5 mm Resolution for 3D Print (Extruder width)
1 by 1 Tiles to print (X by Y)
Re-scaling 30 m resolution to about 18.09 m
2 mm Model Base thickness
x 1.0 (none) Vertical Exaggeration (Z-scale)
STL binary File format
1) Save options to URL 2) Export to 3D printable files
Developed by Chris Harding and Franek Hasiuk, GeoFabLab.
Dept. of Geological and Atmospheric Sciences, Iowa State University
Suggestions? Problems? Send Email
Visit our Github repository
TouchTerrain: A simple web-tool for creating 3D-printable topographic models (published in: Computers & Geosciences Volume 109, December 2017, Pages 25-31)
.... para ver mapa vs modelo digital jugad con la transparencia
Hillshade layer:
Transparency(%): 85 (set to 100% to hide)
Gamma: 1.0
.... podéis variar el tamaño de la caja roja tocando los nodos que la definen
Una vez en la zona elegida pulsad en Re-center box in current map view y aparece otra vez la caja roja que define la zona que se imprimirá....
(*).... la SRTM GI1 es la mejor resolución (30 m) para lo que no es EEUU
Patones
M-133
M-102
mano 2.png
mano1.png
Mostrar todo
ES
99%
12:59
15/03/2019


TouchTerrain - get files for 3D pr
icono mano - Buscar con Google
No es seguro | touchterrain.geol.iastate.edu/?DEM_name=USGS%2FSRTMGL1_003&hs_gamma=1.0&map_lat=40.86570612159507&map_lon=-3.5074293326241457&map_zoom=14&trlat=...
En pausa
TouchTerrain: Easily Create 3D-Printable Terrain Models
Click here for Blog and Help
Vamos a por las opciones de impresión.....
Mapa
Satélite
Patones de Arriba
M-133
M-102
Datos de mapas ©2019 Google, Inst. Geogr. Nacional 500 m
Términos de uso | Notificar un problema de Maps
Elevation Data source:
SRTM GL1 (30 m resolution, worldwide)
Hillshade layer:
Transparency(%):
85
(set to 100% to hide)
Gamma:
1.0
Area Selection Box:
Re-center box in current map view
Set box from polygon in KML file
40.8786850(N -3.490263194 E (Top right corner)
40.8527214 N -3.52459547(E (Lower left corner)
3D Printer Options:
80 mm
Tile width, 79.6 mm Tile height
Resolution for 3D Print (Extruder width)
Tiles to print (X by Y)
30 m resolution to about 18.09 m
Model Base thickness
Vertical Exaggeration (Z-scale)
File format
50 mm
60 mm
70 mm
80 mm
90 mm
100 mm
110 mm
120 mm
140 mm
160 mm
180 mm
200 mm
tions to URL
2) Export
to 3D printable files
Chris Harding and Franek Hasiuk, GeoFabLab.
Atmospheric Sciences, Iowa State University
Suggestions? Problems? Send Email
Visit our Github repository
TouchTerrain: A simple web-tool for creating 3D-printable to
(published in: Computers & Geosciences Volume 109
Pages 25-31)
Tamaño: os aconsejo cuadrados de 160 mm...es lo máximo que puede la impresora.
Exageración vertical: os aconsejo x1,5...
x 1.5
Vertical Exaggeration (Z-scale)
x 0.5
x 1.0 (none)
x 1.25
x 1.5
x 2
x 2.5
x 3
x 3.4
x 4
x 4.5
x 5
x 10
x 15
x 20
Resolución 3D... 0,4 ó 0,8 que es lo que dan las boquillas de esta impresora
0.5 mm
0.2 mm
0.25 mm
0.3 mm
0.35 mm
0.4 mm
0.45 mm
0.5 mm
0.6 mm
0.7 mm
0.8 mm
0.9 mm
1.0 mm
1.25 mm
1.5 mm
2) Export
Cuando acabéis, exportad....
mano 2.png
mano1.png

Cuando exportéis os sale esto.....

Processing started:

Press the Start button to process the DEM into 3D model files.
Note that there's NO progress indicator (yet), you will only see this page trying to connect. That's OK, just be patient!
Pressing Start again during processing has no effect.
Once your 3D model is created, you will get a new page (Processing finished) for downloading a zip file.

Start *Dadle a star...y a esperar...*

...y finalmente sale esto...

Processing finished:

DEM_name = USGS/SRTMGL1_003
trlat = 40.8786850683
trlon = -3.49026319493
bllat = 40.8527214491
bllon = -3.52459547032
printres = 0.5
ntilesx = 1.0
ntilesy = 1.0
tilewidth = 80.0
basethick = 2.0
zscale = 1.5
fileformat = STLb
total zipped size: 5.07 Mb

Download zip File (will be deleted in 24 hrs) *...en el archivo ZIP está el archivo para llevar a imprimir y un pequeño fichero con los datos del modelo (que es lo que os pone cuando ha finalizado el análisis)*

To return to the selection map, click the back button in your browser twice
After downloading you can preview a STL/OBJ file at www.viewstl.com) (limit: 35 Mb)