In [1]:
```
import ee
from IPython.display import Image
```

Connect the Earth Engine backend, and populate the *ee* Python package.

In [2]:
```
ee.Initialize()
```

Create an Earth Engine image object, that refers to a 90m DEM.

In [3]:
```
srtm = ee.Image("CGIAR/SRTM90_V4")
```

Get the object metadata for the srtm image object, and print it out.

In [4]:
```
info = srtm.getInfo()
print(info)
```

```
{'bands': [{'dimensions': [432000, 144000], 'id': 'elevation', 'crs_transform':
 [0.000833333333333, 0.0, -180.0, 0.0, -0.000833333333333, 60.0], 'data_type':
 {'type': 'PixelType', 'precision': 'int', 'max': 32767, 'min': -32768}, 'crs':
 'EPSG:4326'}], 'properties': {'system:visualization_0_max': 10000, 'title': 'S
RTM Digital Elevation Data Version 4', 'provider': 'NASA / CGIAR', 'system:visu
alization_0_gamma': 1.6, 'system:time_end': 951177600000, 'system:visualization
_0_min': 0, 'thumb': 'https://mw1.google.com/ges/dd/images/SRTM90_V4_thumb.pn
g', 'system:visualization_0_name': 'Elevation', 'provider_url': 'http://srtm.cs
i.cgiar.org/', 'system:time_start': 950227200000, 'tags': ['nasa', 'cgiar', 'sr
tm', 'elevation', 'topography', 'dem', 'geophysical'], 'system:visualization_0_
bands': 'elevation', 'link': 'srtm90_v4', 'description': "<p>The Shuttle Radar
 Topography Mission (SRTM, see    <a href='http://onlinelibrary.wiley.com/doi/1
0.1029/2005RG000183/full'>Farr   et al. 2007</a>) digital elevation dataset was
 originally produced   to provide consistent, high-quality elevation data at ne
ar global scope.   This version of the SRTM digital elevation data has been  pr
ocessed to fill   data voids, and to facilitate its ease of use. The SRTM 90m h
as a resolution   of 90m at the equator. </p><p>This dataset contains one band,
 'elevation'   (meters).</p><p>For the   creation of any reports, publications,
 new data sets, derived products,   or services resulting from the data set, us
ers should cite:</p>    <p>Jarvis, A., H.I. Reuter, A. Nelson, E. Guevara. 200
8. Hole-filled SRTM   for the globe Version 4, available from the CGIAR-CSI SRT
M 90m Database:   <a href='http://srtm.csi.cgiar.org'>http://srtm.csi.cgiar.org
</a>.</p>", 'period': 0, 'sample': 'https://mw1.google.com/ges/dd/images/SRTM90
_V4_sample.png', 'date_range': [950227200000, 951177600000], 'system:asset_siz
e': 18827626666}, 'type': 'Image', 'id': 'CGIAR/SRTM90_V4', 'version': 14755986
56017000}
```

Display the image.

In [9]:
```
url=srtm.getThumbUrl({'min':0, 'max':3000})
print(url)
```

```
https://earthengine.googleapis.com/api/thumb?thumbid=dc1e49122501a1223c0e36307a
a39e08&token=d336b47bbbc386f39421beb28ad8f668 (https://earthengine.googleapis.c
om/api/thumb?thumbid=dc1e49122501a1223c0e36307aa39e08&token=d336b47bbbc386f3942
1beb28ad8f668)
```

In [11]:
```
Image(url=srtm.getThumbUrl({'min':0, 'max':3000}))
```

Out[11]: