

Navigation with GoogleMaps and Google Map Maker



**GDG DevFest
2014 Birgunj**

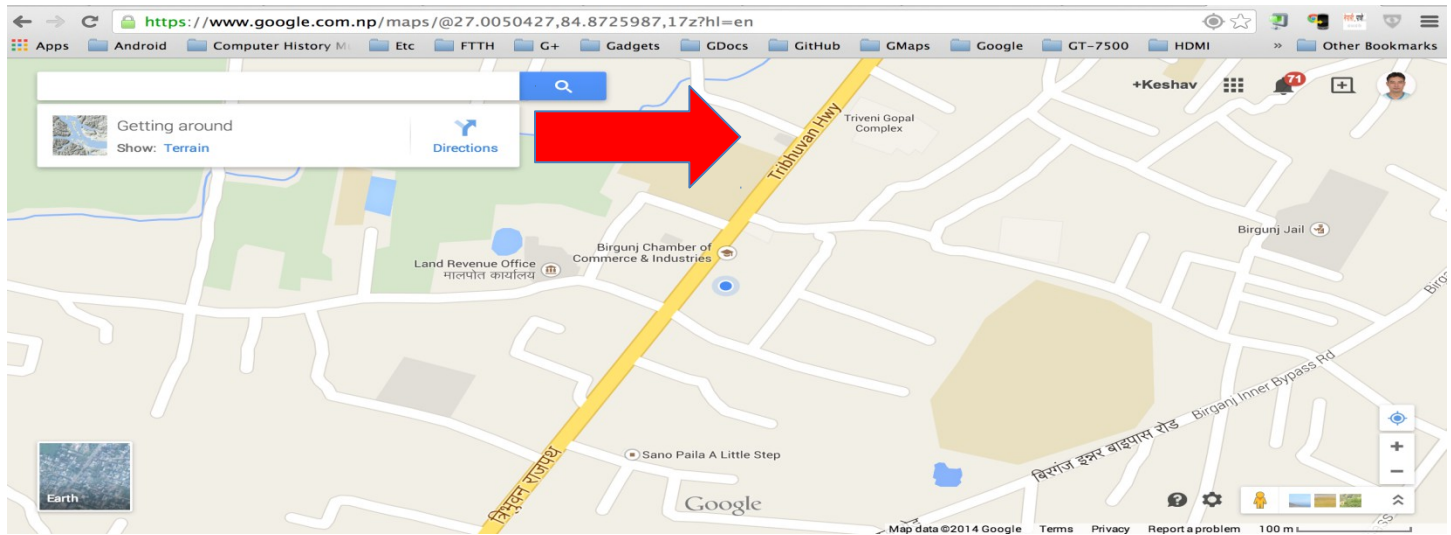
Keshav Raj Maharjan

krm911@gmail.com

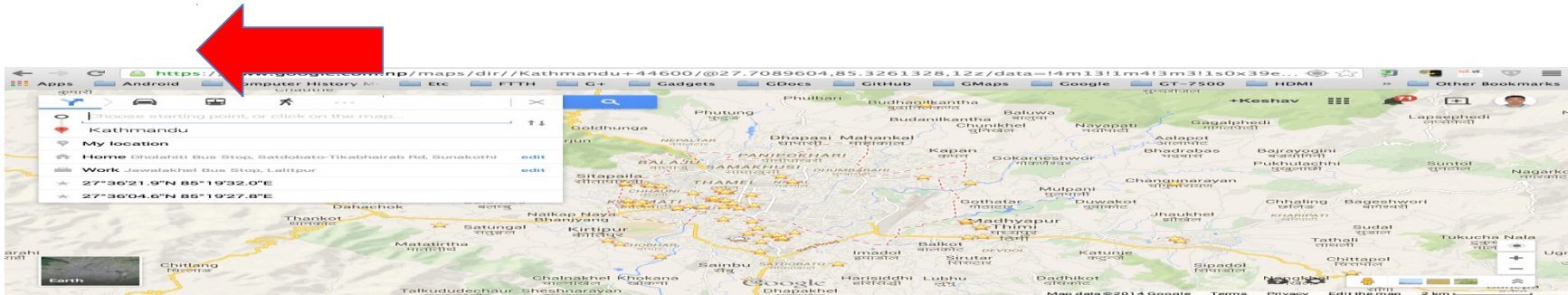
**GMM id "Keshav" RER for Nepal
Creator - Mapping Nepal Site and
Mapping Nepal Forum
Android developer - Nepali Patro**

Navigation with Google Maps

- Google Maps Website
- “Maps”
- <http://google.com/maps>
- Google Maps Android App
- “Maps”
- <http://play.google.com/store/apps/details?id=com.google.android.apps.maps>







Drive 137 km, 3 h 35 min

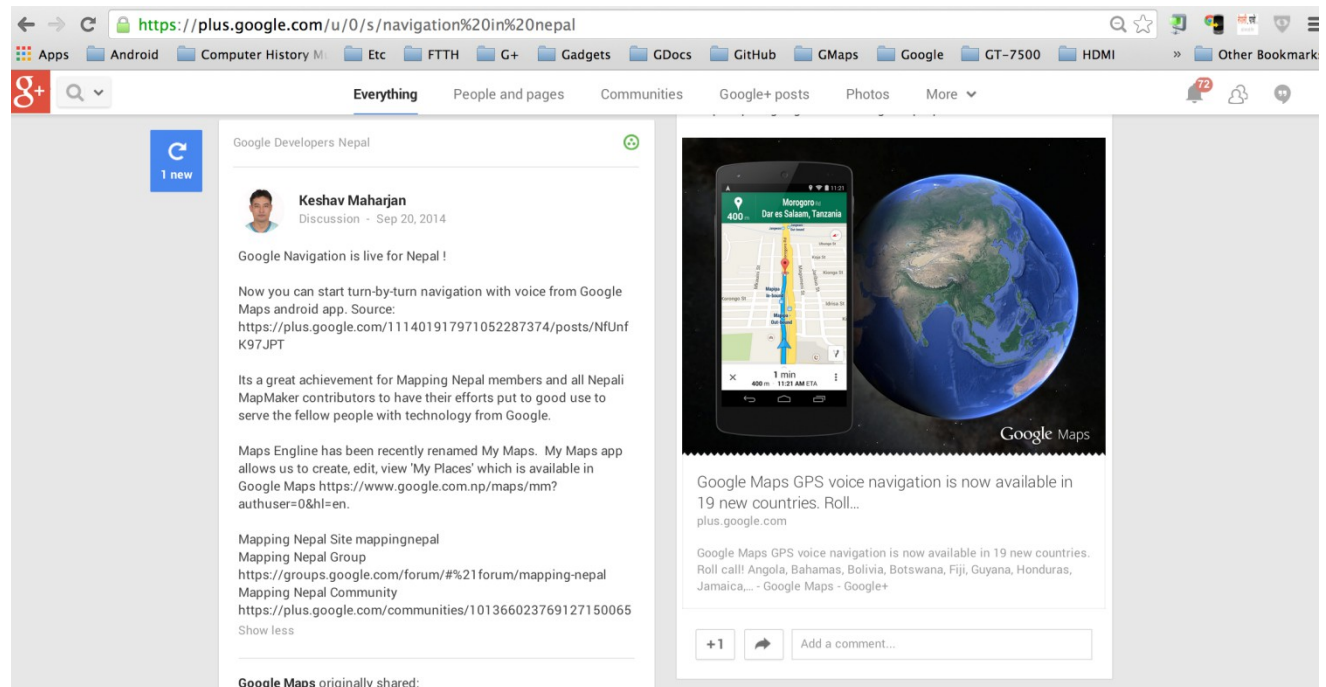
My location

- Follow Tribhuvan Hwy/H02, East-West Hwy/AH9 and Tribhuvan Rajpath to Kulekhani - Sineri - Pharping Road - 55.6 km / 1 h 10 min
 - Follow Kulekhani - Sineri - Pharping Road and Tribhuvan Rajpath in Thantok - 55.4 km / 1 h 53 min
 - Continue on Tribhuvan Rajpath to Kathmandu - 5.5 km / 13 min
 - Continue on Kalimati Rd, Take Tripura Marg, Thapathali Road and Madan Bhandari Path to Rudramati Marg - 5.5 km / 10 min
18. Continue onto Kalimati Rd - 400 m
19. Continue onto Tripura Marg - 500 m
20. At the roundabout, take the 4th exit and stay on Tripura Marg - 500 m
21. Turn left onto Thapathali Road - 500 m



Google Maps Android App

- Turn-by-turn Navigation for Nepal
- Supported since 20-Sep-2014



The screenshot shows a Google+ post from Keshav Maharjan, dated September 20, 2014. The post title is "Google Navigation is live for Nepal!". The text of the post reads: "Now you can start turn-by-turn navigation with voice from Google Maps android app. Source: <https://plus.google.com/111401917971052287374/posts/NFUnfK97JPT> Its a great achievement for Mapping Nepal members and all Nepali MapMaker contributors to have their efforts put to good use to serve the fellow people with technology from Google. Maps Engine has been recently renamed My Maps. My Maps app allows us to create, edit, view 'My Places' which is available in Google Maps <https://www.google.com.np/maps/mmm?authuser=0&hl=en>. Mapping Nepal Site mappingnepal.com Mapping Nepal Group <https://groups.google.com/forum/#%21forum/mapping-nepal> Mapping Nepal Community <https://plus.google.com/communities/101366023769127150065> Show less

Below the text is a section titled "Google Maps originally shared:" which contains a large image. The image shows a smartphone displaying the Google Maps app interface with a turn-by-turn navigation route highlighted in yellow. To the right of the phone is a globe of the Earth. The text "Google Maps" is visible in the bottom right corner of the image.

Below the image, the text reads: "Google Maps GPS voice navigation is now available in 19 new countries. Roll..." followed by a link to "plus.google.com". Below this, it says: "Google Maps GPS voice navigation is now available in 19 new countries. Roll call! Angola, Bahamas, Bolivia, Botswana, Fiji, Guyana, Honduras, Jamaica,... - Google Maps - Google+". At the bottom of the post, there are buttons for "+1", a share icon, and a text input field for "Add a comment...".



Search for places



1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl a is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy in the form of ATP and NADPH.



250





Birgunj to Kathmandu 137 km

Can we reach Kathmandu in 3 hours 35 minutes

Speed 38.27 km/hr



Start moving at 10:23 and
you will reach Kathmandu at 13:57



Anything gone wrong with Navigation ?

Who will correct the errors ?

Help ourselves to help the community
by correcting the errors !

Can we ?

Google MapMaker

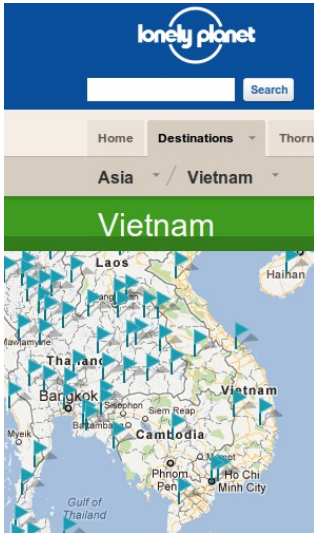
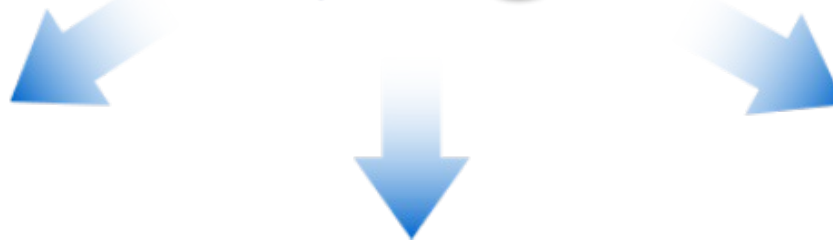


<http://www.google.com/mapmak>

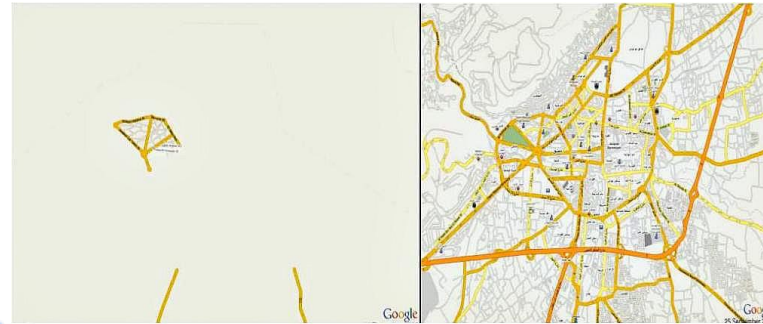
An Introduction

- A mapmaking tool from Google to update Google Maps
- Targeted to anyone with local knowledge who wants to put something on the Google Map
- MapMaker -> Google Maps -> Google Earth -> Google Maps for Android

Map Maker has Reach



PI



Google Maps for Mobile



& Google Earth



Google Map Maker Data Download

Get the latest download: Africa, .shp and .kml, Jul 14, 2009



**Maps and ever changing world
around us**

Need for maps that are at all times
up-to-date in our rapidly changing
world

Lack of high-quality maps
everywhere in the world

Lack of **comprehensive local data**
about roads, places, and businesses

You know **your part** of the world
better than any body else.



We'd like to help **you share** what you know
with the rest of the world.

How does Google Map Maker Help?

- 1 Fresh, up-to-date maps for **rapidly evolving urban environments**
- 2 **Better and more comprehensive maps** of your country, especially in **rural and suburban areas**
- 3 More accurate local information to **boost commerce and tourism**, and **aid investment and planning**

Accessing MapMaker from Google Maps

+Keshav Search Images **Maps** Play YouTube News Gmail Drive Calendar More -

Google kathmandu

krm911@gmail.com + Share

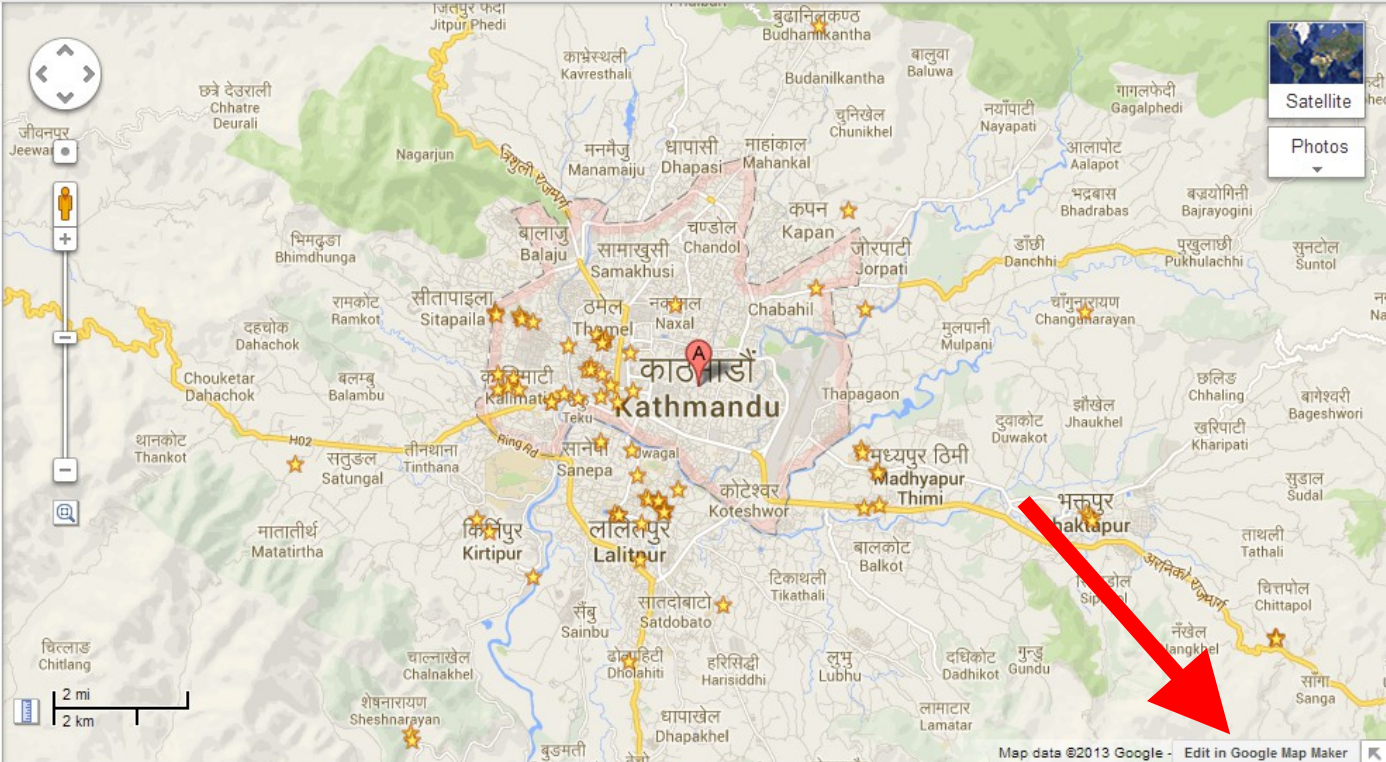
Get directions My places

Kathmandu 44600
Nepal

Directions Search nearby Save to map more ▾

Maps Labs - Help

Google Maps - ©2013 Google - Terms of Use - Privacy



Map data ©2013 Google - Edit in Google Map Maker

Initial Steps

Change MapMaker
nickname

This is how you will
be identified in
MapMaker and in
reviews

The screenshot displays the Google Map Maker interface. At the top, the user's email 'krm911@gmail.com' is shown next to a notification bell and a '+ Share' button. A dropdown menu is open, showing options: 'Settings', 'My Profile', 'Labs', 'Discuss', and 'Submit Feedback'. Below the menu is a map of a region in Nepal, with labels for 'Central Region', 'Bagmati', 'Kapan', 'Chandol', 'Boudhi', 'Dhumbarahi', 'Bishal Nagar', and 'Boudhi'. The Google logo is visible in the center. Below the logo, the user's name 'Keshav' is displayed, followed by a red arrow pointing to the 'Edit Nickname' link. To the right of the name are tabs for 'Overview', 'Edits', and 'Reviews'. Below the name is a placeholder for a profile picture and a link to 'Edit Photo'. At the bottom, there are three icons: a green 'R' icon, a blue '2k+' icon, and a red '1k+' icon. On the right side, under the 'Overview' tab, there is a 'Stats' section showing: '1674 days', '2435 total edits', '2308 approved', and '1583 reviews'. Below this is a table of statistics:

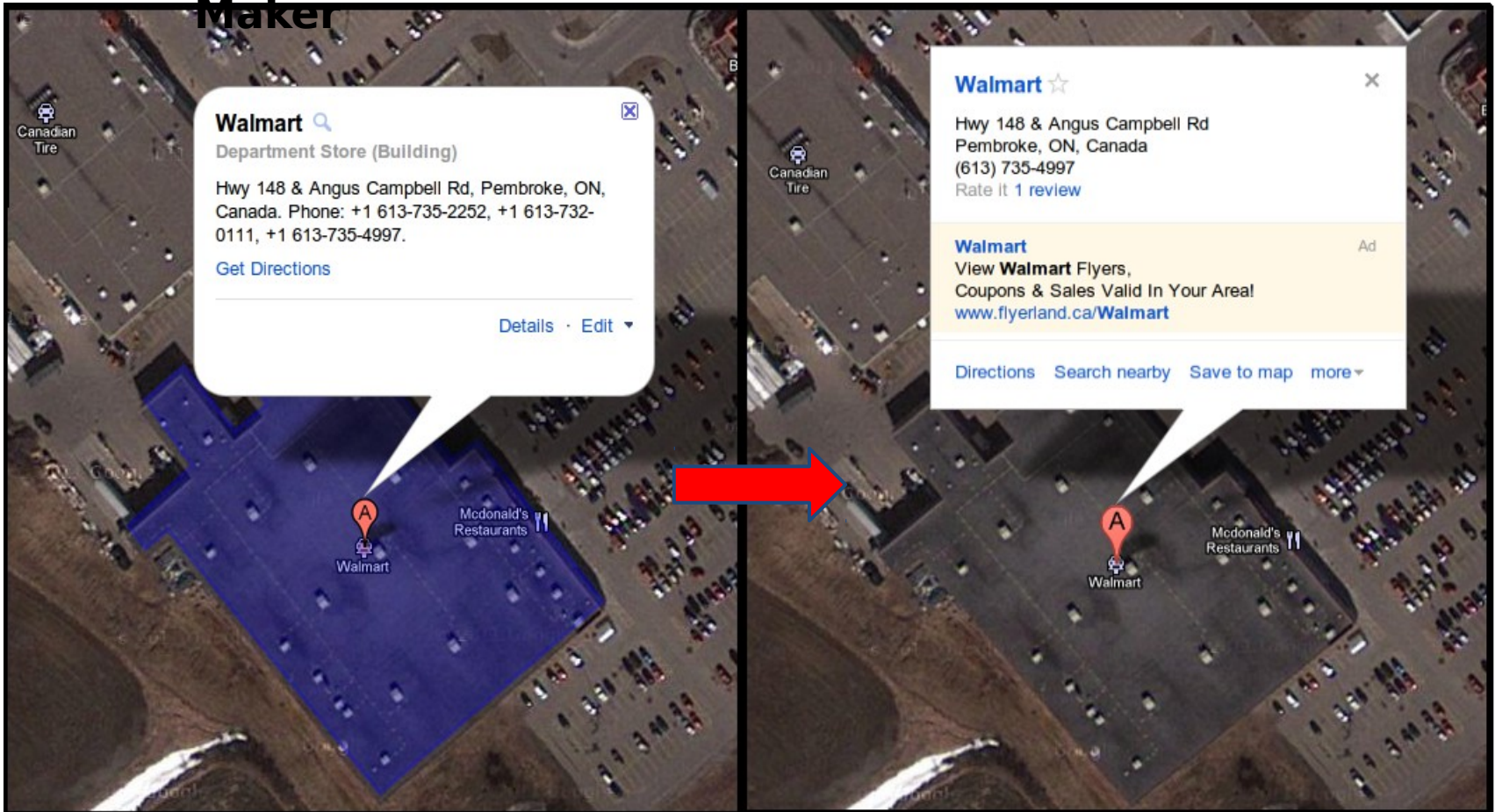
Road length (km)	151.5
Points of interest	6
Business listings	140
Regions (km ²)	408.9
Feature edits	851

Below the table is a section titled 'Recent edits'.

Add your business to Google Map Maker and find it live on Google Maps in a few minutes!

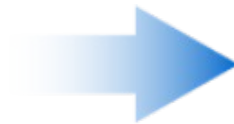
Google Map
Maker

Google Maps

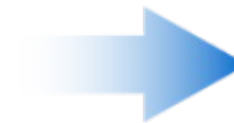


Google Map Maker at the country level

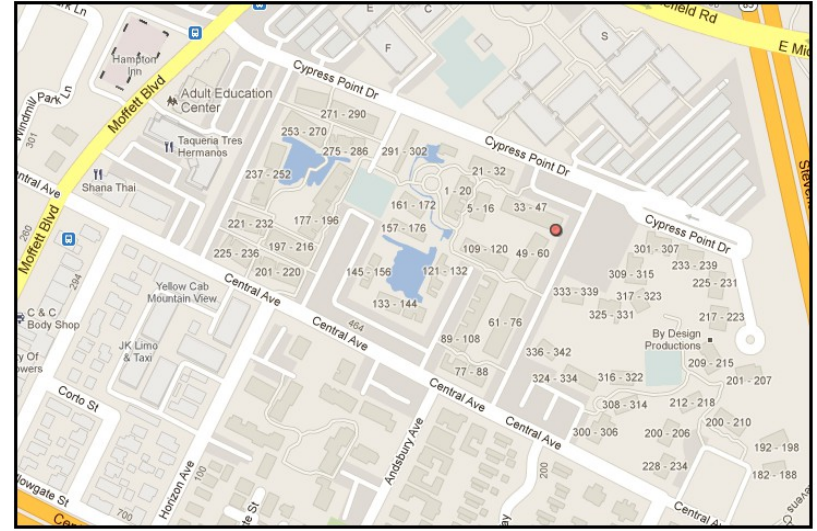
Vietnam



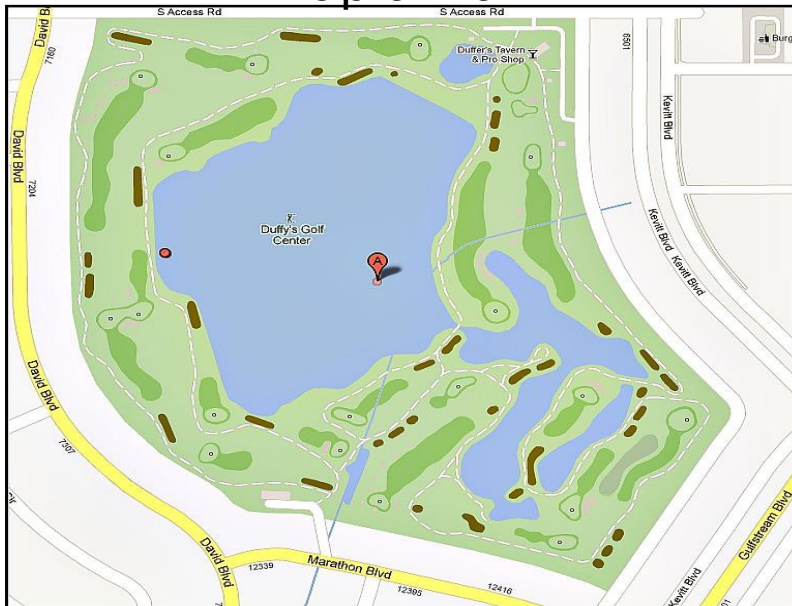
Bolivia



What can you do using MM

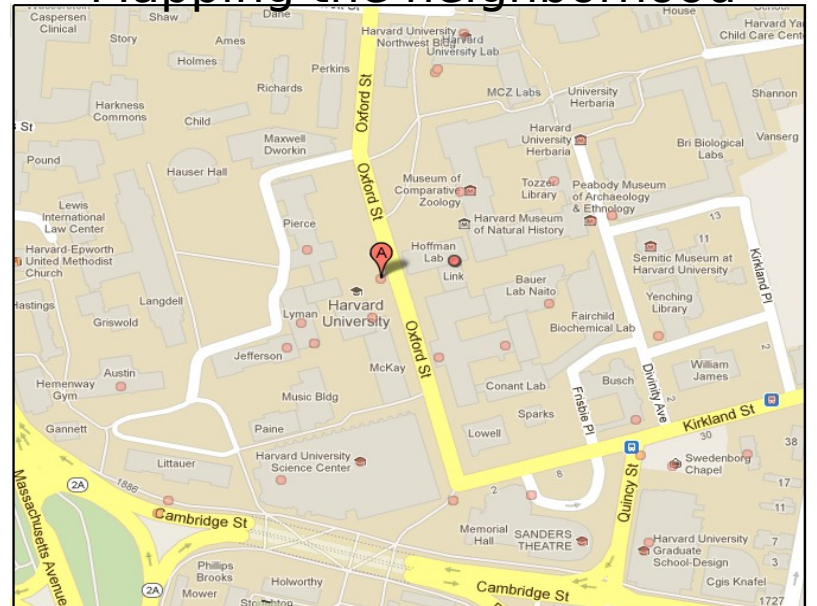


Map a Trail



Map a Golf Course

Mapping the neighborhood



Mapping the University

How the Trust Moderation System works

Are contributions to maps checked?

Yes. As you start mapping, you will find your edits get published after a review.

Who reviews my contributions?

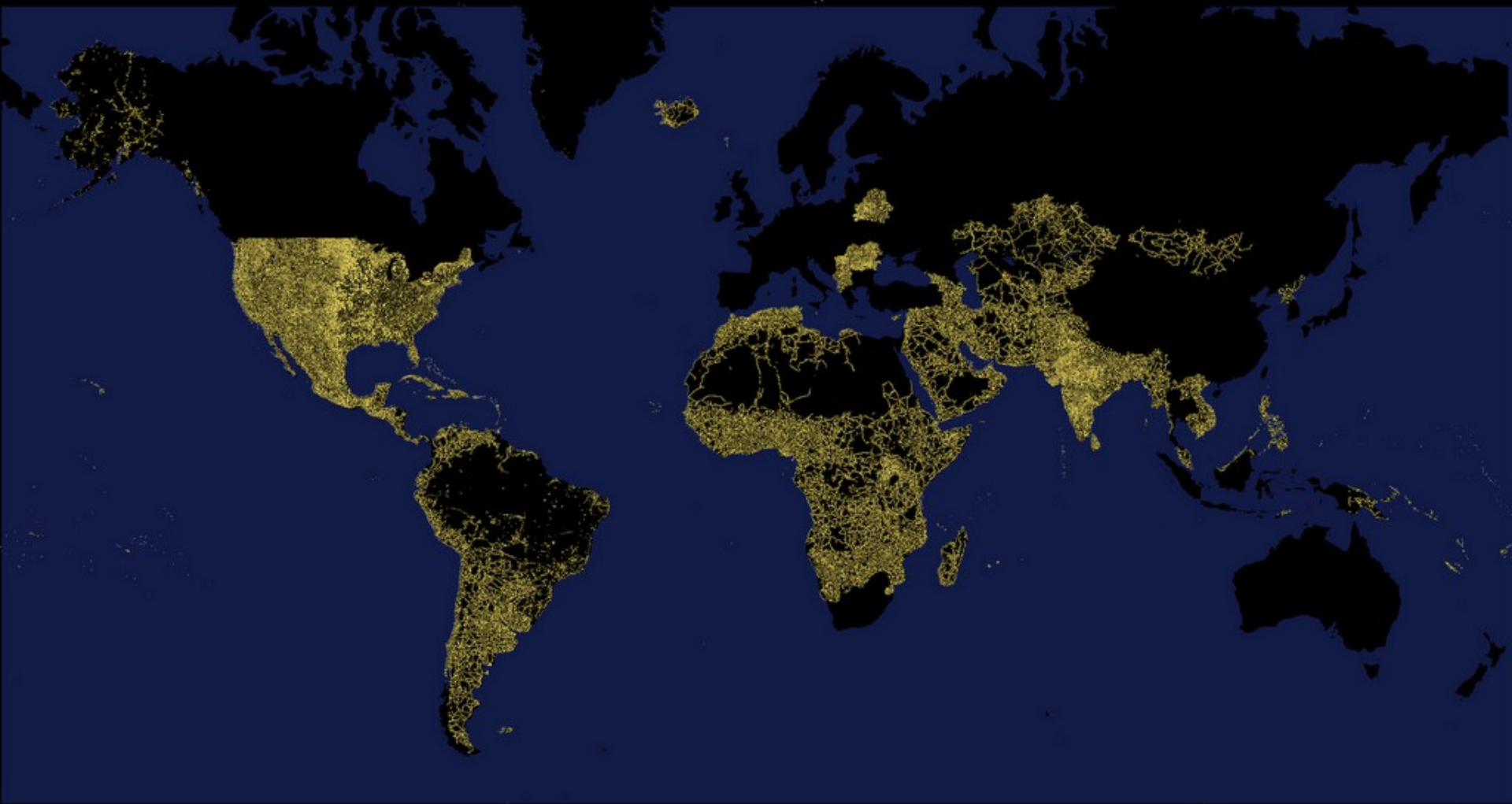
Your peers Regional Expert Reviewers and Map Maker Advocates- Any one with a Google Map Maker account

Hmm... So Do I get to review what my peers add?

Yes, of course! Review some edits and get your edits reviewed faster

Learn all about reviewing options on Google Map Maker here:
[How the Trust Moderation System works](#)

Bringing knowledge to the world



None of these maps would exist without you.

Street View

For cities



For parks and attractions



Street View

No Street View of Nepal ?

Street View

For remote and unique places



Source: The World's Highest Peaks
<http://goo.gl/cuGCWT>

- “MapMaker Help” <http://goo.gl/UJlkET>
- “Mapping Nepal Site”
<https://sites.google.com/site/mappingnepal/>
- “Mapping Nepal Google Group” <https://groups.google.com/forum/#!forum/mapping-nepal>
- “Mapping Nepal G+ Community” on G+ <http://goo.gl/UTSflV>


Links

- “My Maps” <http://google.com/mymaps>
- “Maps” <http://google.com/maps>
- “Mapmaker” [http://google.com/
mapmaker](http://google.com/mapmaker)


You Tube Channel

<http://www.youtube.com/googlemapmaker>

You Tube [Browse](#) [TV Shows](#) [Movies](#) [Upload](#)

 **GoogleMapMaker** 1,785 subscribers 501,758 video views

[Featured](#) [Feed](#) [Videos](#)

Google  **p maker**

Time Lapse

Dhaka, Bangladesh

0:00 / 0:53


Dhaka, Bangladesh - Google Time-lapse 615 views

by GoogleMapMaker 6 days ago

Uploaded videos 1-10 of 102

About GoogleMapMaker

You know your neighborhood better than anyone else. Help us improve it for all to see on Google Maps with Google Map Maker at mapmaker.google.com

 mapmaker.google.com


by GoogleMapMaker

Latest Activity Jul 25, 2012


Date Joined Aug 29, 2008


Country United States

Featured Playlists

 7 videos

Google Map Maker Intro
by GoogleMapMaker

 15 videos



What Next ?

Applications that use Google Maps

Data

Maps

1 billion users using Maps in Android devices

Waze

Social GPS Maps & Traffic

Originally from Israel now acquired by Google

50 million users

My Maps

Share maps info betn web – Mobile

1 billion users

Ingress

A game that will keep you healthy

5 million users

Discussions

- Any questions ?
- How many android users are here ?

Thanks