OpenDataHK

MAKE 01

19 May 2013

Project: GeoDex

Report on Geo Datasets available from HK Government for mapping

## Exec Summary

Both the data format, and download mechanism require modernization. Data should be made available in GeoJSON and KML formats, through a RESTful API.

## Datasets Considered

79 Geo Datasets available from HK Government

Downloadable from: <http://www1.map.gov.hk/gih3/view/index.jsp>

### Current Format

Tab-separated-value table with co-ordinates encoded with “HK 1980 Grid Co-ordinates”

Current download method: Form based, protected by “Captcha”-style dialog

### Desired Format

Preferably: #1 GeoJSON - <http://geojson.org/>

or #2 KML <http://en.wikipedia.org/wiki/Keyhole_Markup_Language>

with standard “LatLong”, Latitude and Longitude values. (eliminating the HK1980-style co-ordinates)

### Desired Download method

REST - Allow consumers to register for an API key, specifying their usage type, and download the data (as GeoJSON, or KML) programmatically.