

March 2, 2010

## Chile Geospatial Information and Imagery Products

### Hazards Data Distribution System (HDDS)

#### *I, PUBLIC:* Hazards Data Distribution System (HDDS)

[http://edcftp.cr.usgs.gov/pub/data/disaster/201002\\_Earthquake\\_Chile/](http://edcftp.cr.usgs.gov/pub/data/disaster/201002_Earthquake_Chile/)

**KML of Post-Event WorldView1 Coverage:**

[http://edcftp.cr.usgs.gov/pub/data/disaster/201002\\_Earthquake\\_Chile\\_WORLDVIEW\\_PAN\\_NGA.kml](http://edcftp.cr.usgs.gov/pub/data/disaster/201002_Earthquake_Chile_WORLDVIEW_PAN_NGA.kml)

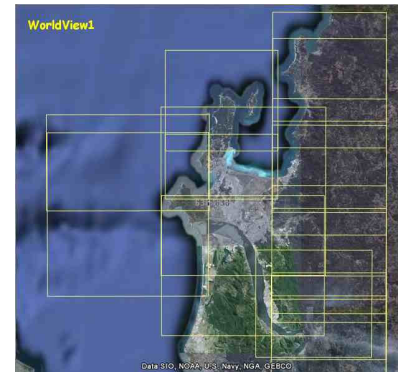
#### *II, RESTRICTED:* Hazards Data Distribution System (HDDS)

[http://edcftp.cr.usgs.gov/disaster\\_restricted/201002\\_Earthquake\\_Chile/](http://edcftp.cr.usgs.gov/disaster_restricted/201002_Earthquake_Chile/)

[GEOEYE NTF/](#)

[NDRCC/](#)

[WORLDVIEW PAN\\_NGA/](#)



### Satellite and Aerial Imagery from Sources Other than HDDS

#### ALOS/AVNIR-2 (Feb 27, 2010)

**North Santiago WMS:** [http://hazardmap.service-section.com/cgi-bin/mapserv?map=/map/UserRaster/alos\\_avnir2\\_chile\\_santiago\\_north\\_20100227.map&SERVICE=WMS&VERSION=1.1.1&REQUEST=GetMap&LAYERS=alos\\_avnir2\\_chile\\_santiago\\_north\\_20100227&STYLES=&EXCEPTIONS=application%2Fvnd.ogc.se\\_inimage&FORMAT=image/png&SRS=EPSG:4326&](http://hazardmap.service-section.com/cgi-bin/mapserv?map=/map/UserRaster/alos_avnir2_chile_santiago_north_20100227.map&SERVICE=WMS&VERSION=1.1.1&REQUEST=GetMap&LAYERS=alos_avnir2_chile_santiago_north_20100227&STYLES=&EXCEPTIONS=application%2Fvnd.ogc.se_inimage&FORMAT=image/png&SRS=EPSG:4326&)

**South Santiago WMS:** [http://hazardmap.service-section.com/cgi-bin/mapserv?map=/map/UserRaster/alos\\_avnir2\\_chile\\_santiago\\_south\\_20100227.map&SERVICE=WMS&VERSION=1.1.1&REQUEST=GetMap&LAYERS=alos\\_avnir2\\_chile\\_santiago\\_south\\_20100227&STYLES=&EXCEPTIONS=application%2Fvnd.ogc.se\\_inimage&FORMAT=image/png&SRS=EPSG:4326&](http://hazardmap.service-section.com/cgi-bin/mapserv?map=/map/UserRaster/alos_avnir2_chile_santiago_south_20100227.map&SERVICE=WMS&VERSION=1.1.1&REQUEST=GetMap&LAYERS=alos_avnir2_chile_santiago_south_20100227&STYLES=&EXCEPTIONS=application%2Fvnd.ogc.se_inimage&FORMAT=image/png&SRS=EPSG:4326&)

#### Formosat

**KML:** <http://gemdas.earth.ncku.edu.tw/Chile/ChileEarthquake.kmz>

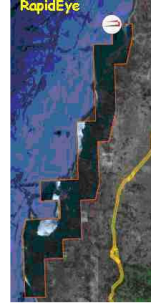


#### RapidEye Feb. 27, 2010

**KML:** [http://mw1.google.com/mw-earth-vectordb/chile\\_earthquake\\_2010/Chile-Earthquake-nl.kml](http://mw1.google.com/mw-earth-vectordb/chile_earthquake_2010/Chile-Earthquake-nl.kml)

**Press Release:**

[http://www.rapideye.de/upload/documents/Press\\_Releases/RapidEye\\_Press\\_Release\\_Chile\\_March\\_1st\\_2010.pdf](http://www.rapideye.de/upload/documents/Press_Releases/RapidEye_Press_Release_Chile_March_1st_2010.pdf)

**NASA Space Station Photography**

<http://earthobservatory.nasa.gov/NaturalHazards/event.php?id=42828>

**International Charter:**

[http://www.disasterscharter.org/web/charter/activation\\_details?p\\_r\\_p\\_1415474252\\_assetId=ACT-297](http://www.disasterscharter.org/web/charter/activation_details?p_r_p_1415474252_assetId=ACT-297)

Project Manager: Oficina Nacional de Emergencia (ONEMI), Chile

Technical Contact: Mrs Cecilia Díaz, [cdiaz@onemi.gov.cl](mailto:cdiaz@onemi.gov.cl)

**GIS Data:**

**ArcGIS Online** (Shapefiles, Layer files)

<http://www.arcgisonline.com/home/search.html?t=content&q=chile>

**Chile Vector Files**

<http://maps.geography.uc.edu/~cgn/maps/Chile/vectors/>

**Google Crisis Response:** (Shapefiles and KML)

<http://www.google.com/relief/chileearthquake/>

**Google KML with Imagery**

[http://mw1.google.com/mw-earth-vectordb/chile\\_earthquake\\_2010/Chile-Earthquake-nl.kml](http://mw1.google.com/mw-earth-vectordb/chile_earthquake_2010/Chile-Earthquake-nl.kml)

**GEOPortal de Chile**

<http://www.geoportal.cl/Portal/ptk?cboIdioma=en>

**GeoNodo**

<http://ugit.goredelosrios.cl/>

**Maker: GeoCommons** (Shapefiles, and KML)

[http://maker.geocommons.com/search?mh\\_query=Chile](http://maker.geocommons.com/search?mh_query=Chile)

**National System of Coordination of Territorial Information (SNIT) IDE Chile**

<http://www.snit.cl/OpenNet/asp/default.asp?boton=Hom&botonAnterior=Hom&carpetaSeleccionada=>

See download tab for KML files.

**National Catalog of Geospatial Information**

<http://www.snit.cl/catalogo/main.en.do>

**Open Street Map: Chile**

<http://www.openstreetmap.cl/>

[http://wiki.openstreetmap.org/wiki/2010\\_Chile\\_earthquake](http://wiki.openstreetmap.org/wiki/2010_Chile_earthquake)

**SNIT**

<http://www.snit.cl/OpenNet/asp/default.asp?boton=Hom&botonAnterior=Hom&carpetaSeleccionada=>

**USAID: GIST Data Repository**

<https://gist.itos.uga.edu/>

Download Chile Datasets: [https://gist.itos.uga.edu/data/temp/dwnlds/20100301/chile\\_datasets.zip](https://gist.itos.uga.edu/data/temp/dwnlds/20100301/chile_datasets.zip)

**Urban Search and Rescue Base:**

NGA USAR\_MGRS\_Concepcion\_1K\_Atlas\_27FEB10[1].pdf, 74.5 megabytes, 177 pages of detailed imagery (pre-event?) and damage assessment.

<http://www.mediafire.com/?rmzz2mzrgin>

**Situation Reports and Maps****Global Disaster Alert and Coordination System (GDACS)**

<http://www.gdacs.org/>

**ReliefWeb (Maps and Situation Reports)**

<http://www.reliefweb.int/rw/dbc.nsf/doc108?OpenForm&rc=2&emid=EQ-2010-000034-CHL>

**SERVIR**

[http://www.servir.net/terremoto\\_en\\_chile\\_2010](http://www.servir.net/terremoto_en_chile_2010)

**UN-SPIDER**

<http://www.un-spider.org/chile>

**Earth Quake:****USGS Chile earthquake shake map Shapefiles and KML**

<http://finder.geocommons.com/overlays/24730>

**USGS Earthquake Maps**

<http://earthquake.usgs.gov/earthquakes/eqinthenews/2010/us2010tfan/#maps>

**Google Crisis Response**

<http://www.google.com/relief/chileearthquake/>

**Planned Remote Sensing Missions:****UN-SPIDER: SpaceAid**

<http://www.un-spider.org/page/3287/spaceaid-available-space-based-information-earthquake-and-tsunami-chile>

**Table from UN-SPIDER: See link above for updates**

Satellite Tasking No	Satellite	Date	Area	Status	Comments
1	TerraSar-X	28 Feb	Santiago Juan Fernandez Island	Collected Collected	pre-disaster image available (09/07/08)
2	CosmoSkyMed			Collected	
3	WorldView-01	28 Feb	Center Lat/Long: - 33.489°/-70.778° Center Lat/Long: - 33.485°/-70.588° Center Lat/Long: - 35.681°/-71.885° Center Lat/Long: - 35.683°/-71.685° Center Lat/Long: - 36.104°/-72.564° Center Lat/Long: - 36.111°/-72.775°	Collected	<a href="#">Browse Image</a> <a href="#">Browse Image</a> <a href="#">Browse Image</a> <a href="#">Browse Image</a> <a href="#">Browse Image</a> <a href="#">Browse Image</a>
	WorldView-02	1 Mar	Center Lat/Long: - 33.811°/-70.675° Center Lat/Long: - 33.982°/-70.847° Center Lat/Long: - 33.786°/-70.637° Center Lat/Long: - 34.156°/-70.971° Center Lat/Long: - 33.931°/-70.799° Center Lat/Long: - 36.128°/-71.946°	Collected	<a href="#">Browse Image</a> <a href="#">Browse Image</a> <a href="#">Browse Image</a> <a href="#">Browse Image</a> <a href="#">Browse Image</a> <a href="#">Browse Image</a> additional imagery available with cloud coverage >75%
4	GeoEye			Collected	
5	Formosat	27 Feb		Collected	<a href="#">GEMDAS kmz file</a>
6	RapidEye	27 Feb	Concepción	Collected	21 tiles available <a href="#">geodata Kiosk</a> <a href="#">Google Earth</a>
7	HJ-1			Collected	
8	ALOS/AVNIR-2	27 Feb	Santiago	Collected	
9	EO-1	1 Mar		Scheduled	

## US Government:

### Intelink

[https://www.intelink.gov/wiki/Chile\\_Earthquake\\_GEOINT\\_Support\\_Products](https://www.intelink.gov/wiki/Chile_Earthquake_GEOINT_Support_Products)

### HSIN

<https://government.hsin.gov/sites/EmergencyManagement/default.aspx>

**Biosurveillance RSS:** <http://biosurveillance.typepad.com/biosurveillance/atom.xml>

## Chilean News Sites:

<http://spreadsheets.google.com/ccc?key=0AjKkO3odnjoedHI5MzRmOTEvWTIEenAzeDZreU9MVHc&hl=en>

## Social Media / Crowd Sourcing:

[http://github.com/znmeb/Chile-Quake-Tracking/blob/master/chile\\_quake.csv](http://github.com/znmeb/Chile-Quake-Tracking/blob/master/chile_quake.csv)

### Ushahidi-Chile:

<http://chile.usahidi.com/main>

**English to Spanish Translation of Tweek the Tweet instructions**

<http://docs.google.com/Doc?docid=0AdGZBDg1MfmrZGc0YjRya3pfOGQ0bnM5OWN0&hl=en>

**Flicker**

<http://www.flickr.com/search/?w=all&q=chile+earthquake&m=tags>

**Send comments, additions, and corrections to:**

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**Send me an email if you would like to be on mailing list.**