

## Herramientas del mapa

Muestra Coordenadas:

- <https://openlayers.org/en/latest/examples/geographic.html>
- <https://openlayers.org/en/latest/examples/mouse-position.html>

Full extend y mapa externo:

- <https://openlayers.org/en/latest/examples/external-map.html>
- Zoom scrollin - <https://openlayers.org/en/latest/examples/page-scroll.html>

Escala:

- <https://openlayers.org/en/latest/examples/scale-line.html> Mapa de referencia
- <https://openlayers.org/en/latest/examples/overviewmap-custom.html>
- <https://openlayers.org/en/latest/examples/overviewmap.html>

Export PNG:

- <https://openlayers.org/en/latest/examples/export-map.html>

Layer Group:

- <https://openlayers.org/en/latest/examples/layer-group.html>

Medición distancia y áreas:

- <https://openlayers.org/en/latest/examples/measure.html> - <https://openlayers.org/en/latest/examples/measure-style.html>

Simbología:

- <https://openlayers.org/en/latest/examples/wms-getlegendgraphic.html>

Poppups:

- <https://openlayers.org/en/latest/examples/overlay.html>
- <https://openlayers.org/en/latest/examples/popup.html>

Muestra el valor del pixel:

- <https://openlayers.org/en/latest/examples/cog-math.html>

Etiquetas

- <https://openlayers.org/en/latest/examples/rich-text-labels.html>

Info vector -

- <https://openlayers.org/en/latest/examples/vector-tile-info.html>
- <https://openlayers.org/en/latest/examples/hitdetect-vector.html>
- <https://openlayers.org/en/latest/examples/vector-layer.html>

Etiquetas:

- <https://openlayers.org/en/latest/examples/vector-labels-justify-text.html>
- <https://openlayers.org/en/latest/examples/vector-label-decluttering.html>
- <https://openlayers.org/en/latest/examples/image-vector-layer.html>
- <https://openlayers.org/en/latest/examples/tooltip-on-hover.html>

Opacidad layer:

- <https://openlayers.org/en/latest/examples/layer-opacity.html>
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## Aplicaciones

### *Story Maps*

Panel lateral

- <https://openlayers.org/en/latest/examples/full-screen-source.html>

Mapas de calor:

- <https://openlayers.org/en/latest/examples/heatmap-earthquakes.html>
- <https://openlayers.org/en/latest/examples/heatmap-trajectories.html>

Monitoreo de acciones

Navegar a sitios:

- <https://openlayers.org/en/latest/examples/navigation-controls.html>
- <https://openlayers.org/en/latest/examples/animation.html>
- -Fly to Bern
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Animación de puntos:

- <https://openlayers.org/en/latest/examples/feature-animation.html>
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Tracks puntos:

- <https://openlayers.org/en/latest/examples/igc.html>
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Agrupación de puntos:

- <https://openlayers.org/en/latest/examples/earthquake-clusters.html>
- <https://openlayers.org/en/latest/examples/clusters-dynamic.html>
- <https://openlayers.org/en/latest/examples/cluster.html>
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Animación puntos:

- <https://openlayers.org/en/latest/examples/feature-move-animation.html>
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### *Degradación*

Layer Swipe:

- <https://openlayers.org/en/latest/examples/layer-swipe.html>

Layer Swipe (WebGL):

- <https://openlayers.org/en/latest/examples/webgl-layer-swipe.html>
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Comparación 2 mapas:

- <https://openlayers.org/en/latest/examples/preload.html>
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- <https://openlayers.org/en/latest/examples/side-by-side.html>
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Comparar tiempo:

- <https://openlayers.org/en/latest/examples/wms-time.html>
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Visualizar varias fuentes de datos:

- <https://openlayers.org/en/latest/examples/reusable-source.html>
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Lupa:

- <https://openlayers.org/en/latest/examples/magnify.html>
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Lupa sin zoom:

- <https://openlayers.org/en/latest/examples/layer-spy.html>

Navega con los valores del raster:

- <https://openlayers.org/en/latest/examples/raster.html>
- <https://openlayers.org/en/latest/examples/region-growing.html>

## *Visualización imágenes de satélite*

Filtros Imágenes de satélite:

- <https://openlayers.org/en/latest/examples/image-filter.html>

Mover bandas imágenes de satélite:

- <https://openlayers.org/en/latest/examples/multiple-cogs.html>

Mueve los valores del NDVI:

- <https://openlayers.org/en/latest/examples/cog-colors.html>

## *Cargar tipos de datos*

Cargar WMS:

<https://openlayers.org/en/latest/examples/mapserver-wms.html>

- <https://openlayers.org/en/latest/examples/wms-image.html>

Cargar Tile Layer

- <https://openlayers.org/en/latest/examples/getfeatureinfo-tile.html>

Cargar Image layer

- <https://openlayers.org/en/latest/examples/getfeatureinfo-image.html>

Cargar feature

- <https://openlayers.org/en/latest/examples/getfeatureinfo-layers.html>
- Carga un WFS- <https://openlayers.org/en/latest/examples/vector-wfs.html>

## Mapas Base

### Mapbox:

- <https://openlayers.org/en/latest/examples/mapbox-vector-layer.html>
- <https://openlayers.org/en/latest/examples/mapbox-vector-tiles.html>
- <https://openlayers.org/en/latest/examples/mapbox-style.html>

### ArcGIS:

- <https://openlayers.org/en/latest/examples/arcgis-image.html>
- <https://openlayers.org/en/latest/examples/xyz-esri.html>

### GPX:

- <https://openlayers.org/en/latest/examples/gpx.html>

### Relieve:

- <https://openlayers.org/en/latest/examples/pmtiles-elevation.html>
- <https://openlayers.org/en/latest/examples/webgl-shaded-relief.html>
- <https://openlayers.org/en/latest/examples/shaded-relief.html>

### Stadia:

- <https://openlayers.org/en/latest/examples/stamen.html>
- <https://openlayers.org/en/latest/examples/stadia-maps.html>
- Retina:
- <https://openlayers.org/en/latest/examples/xyz-retina.html>

### OSM:

WebGL Vector Layer - <https://openlayers.org/en/latest/examples/webgl-vector-layer.html>

WebGL Tiles - <https://openlayers.org/en/latest/examples/webgl-tiles.html>

WebGL Tile Layer Styles - <https://openlayers.org/en/latest/examples/webgl-tile-style.html>

tileJSON - <https://openlayers.org/en/latest/examples/tilejson.html>

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