

Gps para topografia android

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Geodesical recommends this interesting news: The National Geographic Institute has created an app to go further than with conventional GPS routes. It is free and is called MAPS Spain IGN. It is available on PlayStore for Android devices and allows you to download topographical maps from all over Spain. Until not long ago we were used to paper drop down road maps is another companion on our travels. Then the GPS, able to find the best route between the two places. And either as a standalone device or as a mobile application. But GPS positioning allows you to go far beyond finding the best routes rather than using road maps using topographical maps, although they are harder to find for the uninitiated. Now the National Geographic Institute (IGN) has created a free app that allows you to download free topographical maps from all over Spain. The number of maps is huge, so you can only download different geographic areas or view maps online. The app is called IGN Maps Spain and is available in the Play Store for Android devices. The distribution and unloading of the province's units and national parks, and the display ranges from the scale of the map of Spain to 1:1.250,000 topographical maps of the scale of 1:25,000, ideal for excursions in the countryside. The geographical data obtained by IGN is an open and publicly available ministerial order of FOM/2807/2015 (BOE of December 26, 2015) regarding the role of IGN. It's a good holiday-oriented option for hiking, orientation, cycling, running or skiing. That is for outdoor activities that allow you to enjoy nature. The app includes offering routes through national parks, even the Camino de Santiago is available, and it is also possible to download our own itineraries. It's a very complete app, with lots of features based on a well-known app called OruxMaps. It is not available in AppStore for iOS, although maps are valid for travel GPS devices and many other apps, both android and iOS. Prepare your itinerary before launching any route, you have to spend some time preparing it. Therefore, it is advisable to look for maps and tourist guides, as well as explore the area to get to know it. To do this, you can use the same maps or go to the IGN Iberpix viewer map, which also includes aerial photography. Another interesting source for consultation is Google Earth, which allows you to travel the world in 3D, with reliefs, details of monuments, cities, natural enclaves. Another option to consider is to geographical information that can be provided by the autonomous community to which we are moving. Either way, it's not convenient to go uphill without a map and compass because too many times the wrong misaches from your mobile phone or just know when the battery will work. The route should follow from the beginning, contrasting the map with the app and with the position of the north. It's not easy to go to the map if we're already lost. TCP GPS Working with your GNSS antenna This app installed on a tablet or smartphone with AndroidTM operating system makes it easier for the user to develop a survey and rethink the work with GNSS receivers integrated or connected via Bluetooth. BaseMaps ESRI base maps with global reach are used, which can be viewed in street, satellite or topographic mode. Display can also be downloaded as a background in DXF or Shape formats and web mapping services (WMS) from official data sources. The app's rise makes it easier to lift shooting points. They can also be associated with photography, voice note and comments. The user can identify their own point codes, which can be proactive or linear. Continuous survey allows you to record points automatically, indicating distance or time interval. Other utilities allow us to find 2D, 3D and measure the difference in distances between points, or areas formed by the landfill. The glasses can be exported to the text, GML, DXF or KML format and can be automatically synchronized with Google Drive. Rethinking points that need to be rethought are imported from a text file and can be marked on a map or selected as code. There are different modes: Map, Compass and Diana. In all cases, the optional voice system informs the user of the proximity to the target. Horizontal and vertical tolerances are configured along with other parameters. The symbolism of the transplanted dots is clearly different from the rest, and the information is also available as a list. The Systems Coordination Program includes an EPSG database of geodesic systems, being able to work with different reference coordinate systems organized by countries. Map Pad GPS Land Surveys and Measurements Map Pad GPS Land Surveys and Measurements is an app offered by Mapit GIS LTD. Used to capture and calculate the measurement of the area. The app is available on Google Play and currently has over 100,000 downloads. Review in the field shooting in the box is a TopOnTheFly app developed. It has several characteristics, such as a measurement mode that surveyors can use to measure and calculate terrestrial sites. Surveyor Land Surveyor is an Android app developed by Abhilash P A. The app can be used to calculate the area of the area. Land Surveyor currently has more than 1,000 Google Play installations. Total Station Survey Total Station Survey is an Android application developed by Systranova Software. The app is used by surveyors and civil engineers to measure survey data. The overall measurement of a station can measure angles, slopes and distances. Survey-It Pro Survey-It Pro is a solution application developed by Summit Management Systems, Inc. Survey-It Pro is used for landscaping and construction work. Surveyor Surveyor is an Android app developed by Idea Matters. It is a topographical app that uses smartphone cameras to measure the area of land. It currently has more than 100,000 facilities. GPS Fields Area Mera GPS Field Area Measure is an app offered by Studio Noframe. The app is mainly used as a field measurement tool, but is also useful for measuring and planning a farm. The app is available for download on Google Play. The Land Surveying Tool is a developer application developed by Asmara Software Solutions. It can be used by professional surveyors for basic surveys. It can also be used to perform basic survey calculations. Mobile Topographer Free Handy Surveying is a shooting app that allows users to create and list current coordinates, find intersections along course and distance, convert units and more. The app is developed by BinaryEarth for Android devices. Searching the Google Play store, we can find hundreds of GIS apps for our Android device, however, not all of them are worth it. In this post we collect, which we believe are the best GIS applications for Android, all available in the Google Play Store. And if you have an iOS device (iPhone, iPod and iPad) we recommend you read the post Best GIS apps for iOS (iPhone, iPod and iPad) CartoDruid (formerly Cartodroid) is a GIS application to work in this area directly from your mobile phone, which was developed by iTACyL (Instituto Tecnol) CartoDruid does not require prior knowledge of GIS, so it is easy to apply and set up. CartoDruid solves the problem of using geographic information outside the office in a disabled environment, both for query and editing. In this We will tell you more about CartoDruid. ESRI Collector Classic Put ArcGIS is within the reach of your field staff and uses The Collector Classic to improve the accuracy and relevance of spatial data. Use maps anywhere to confirm your data, make comments, and respond to events. This will increase the efficiency of your field workers and the accuracy of your GIS. Features: Capture and update data using a map or GPS. Download the cards to your device and work offline. Capture points, lines, areas, and related data. Fill in easy-to-use card-based shapes. Attach photos to objects. Use a professional-quality GPS. Search for places and entities. Track where you've been. Integration with the navigator for ArcGIS. Workforce integration for ArcGIS. gvSIG Mobile gvSIG Mobile is a tool designed to perform field site surveys in a quick and high-quality way. gvSIG Mobile is a powerful, easy-to-use and compatible solution for collecting data on Android devices. This is a fundamental part of the gvSIG Suite and integrates directly with gvSIG Desktop and gvSIG Online. It is focused on local data collection and is recommended for cadastral projects, censuses, reviews, inspections... Designed to be easy to use, gvSIG Mobile offers a wide range of tools for applications and tasks that require a geographical component. gvSIG Mobile is a free software licensed by GNU/GPL that allows free use, distribution, study and improvement. Input Lutra Consulting has developed Input as an alternative to Field, recreating the app from scratch and ensuring that Input can also work on iPhone or ipads (Currently only works on Android). Input is based on GIS, which means we can easily customize projects from the desktop. Free and open source. Capture points, lines and landfills. Support for custom forms in GIS. Capture media related to the location (such as photos, video and audio). Easy navigation on the map. Support for external GPS receivers. GPS precision settings. Synchronization using The Mergin Wireless System. OruxMaps OruxMaps is a free app for Android. Designed for all activities in which you need to know your position on the map, and record or follow the tour. Android Wear support. Online viewer map. When you browse the Web, the images are stored for offline use. Map builder. Starting with online cards, you can create offline maps. Create composite maps from multiple online fonts and apply transparency to layers. Support for WMS online fonts. Offline card viewer. Use OruxMaps with OruxMapsDesktop. MOBAC or other PC apps (see Downloads and Guides). Offline vector cards for cards. GeoPDF .pdf cards (USGS store, for example). Offline .rmap. Garmin maps are offline. Offline card .mbtiles. Offline card .ozf2. Map Emboss using DEM files. 3D map using DEM files. Displays coordinates, course, speed, altitude, distance,.... Zoom in on the maps. Field Field allows us to carry out our GIS projects outside the office to develop effective fieldwork. By maintaining the GIS style, Field significantly reduces the time of preparation. Use the SGIS to customize maps and shapes. Supports a wide range of data formats. The OPENGIS.ch mobile GIS app combines minimalist design with sophisticated technology to make our fieldwork faster, more convenient, and easier. Field is built from scratch to be as tactile and easy to use from the outside as possible. Follow the following paradigm: Focus on a GPS interface that is compatible with my desktop completely when I'm not connected to the synchronization capability. Preparing a project on your desktop. Few, but big buttons. The paradigm of switched usage (visualization, digitization, measurement, inspection, ...) In this blog we have a complete tutorial on "Field". Mappit™ Mappit is a data and capture management tool used on Android devices that gives us the flexibility and compatibility to work with geographic data. Mappit allows us to do fieldwork in a user-friendly interface with a wide host of GIS functions: we can create, edit, store, and share spatial information when disconnected. Features: Create and edit points, lines, and landfills. Enter the full details and attributes. Import Vector Measurement Tools (SHP, KML, KM and GeoJSON) (distance, area, etc.) Google Maps Api Advanced caching projection control (UTM and latitude/longitude) Import/export data from your local drive, email or Google Drive. Full layer control. Putting the data into forms. GPS tracking. Geotag photography. There is a free version with the above features and paid versions with more functionality. SuperSurv SuperSurv is a real GIS on a mobile device with the ability to create new layers, edit them, work with shapefile files, etc. SuperSurv allows you to input new data into your layer, as well as the ability to create data entry forms with a drop down and be able to attach photos and videos to each geometry. Another advantage of SuperSurv is the ability to be accurate in submetric positioning type, i.e. from 0.5 to 1 meter this is achieved by connecting to a service called real-time differential corrections over the Internet. You can even get a 2 to 3 cm accuracy by adding a second external GPS receiver antenna. Thus, the improvement of the default accuracy offered by mobile devices in order from 3 to 5 meters or even 4-15 meters of error depending on the satellite coverage. Other apps below are four tools for editing and viewing maps without the capabilities of true GIS: AutoCAD - AutoCAD Mobile DWG Editor DWG is a DWG visualization app with easy-to-use drawing tools that allow you to view, create and edit AutoCAD drawings on mobile devices whenever and wherever you want. Make it easier to visit the site with the most powerful app and work on the go. Fulcrum Is a paid app used to collect field data with GPS coordinates on the form, and view your data collection activities on the field on the map, to track in real time. Google Maps - Navigation and public transport Move around the world with Google Maps easier and faster. There are maps of more than 220 countries and territories with millions of companies and locations listed. Learn more about traffic and public transport. Browse with GPS in real time and explore the surroundings as if you were local thanks to suggestions on where to eat, drink and go anywhere in the world. Google Earth Explore the world from above with satellite images from Google Earth. 3D relief from all over the planet and 3D buildings from hundreds of cities around the world. Scale up to see your home or anywhere else with a 360-degree perspective with Street View. Discover the world from a new perspective with excursions from NASA, BBC Earth, National Geographic and more thanks to Voyager. In addition, you can now see on your mobile device exciting maps and stories created in Google Earth for the Internet. The GIS Cloud Mobile Data Collection is a mobile tool that allows us to collect data in real time, with custom forms, work offline and more. Collecting field data and conducting field surveys is faster and easier than ever before. Simply sign up to your GIS Cloud account (or sign up for free) and send the collected data directly to the GIS cloud app. We can customize data forms to include photos and audio, as well as standard text, numbers, or notes from the list. Maps of Spain Maps Spain is a free visualizer perfect for hiking, cycling, running or skiing, which uses as a background display service National Geographic and other services of other ministries (service stations provided by the Ministry of Industry and Trade, cadastral information on sites provided by the Directorate General of Catastro, etc.). With this app you will be able to travel along the routes of national parks or stages of the Camino de Santiago or use your TRACKS /ROUTES, plan excursions using maps, navigation and excursions, without having to have an internet connection All maps and routes that are used are free and allows: GPS, even without coverage on your mobile phone. Offline Map Mode: Save their advance route plot with GPS on maps of the National Geographic Institute. Save and display tracks in gpx or kml and kmz format. Supports IGN WMS and WMTS card services, you can use the app as a WMS viewer. As a place in the services of the CartoCity project. Visualization of positioning by coordinates, course, speed, altitude. Calculating distances. The app is in Spanish and English. Based on OruxMaps software (version 6.5) OSM And OsmAnd is a map and navigation app with free, worldwide, high-quality access to OpenStreetMap (OSM) data. All card data can be stored on the device's memory card for offline use. Through the GPS of your device, OsmAnd offers routing, with optical and voice readings, for a car, motorcycle and pedestrian. All basic functions work both connected and without an Internet connection. Degree in geography. Master's degree in Geographic Information Systems. Consultant GIS since 2004. In MappingGIS since 2012 to help you raise your GIS profile and differentiate yourself from your competitors. Check out all our online GIS courses. Online.

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