

cara sederhana pembuatan peta dengan menggunakan ArcGIS Semoga bermanfaat:).

Add interactive tables to your layouts, including Excel spreadsheets and attribute tables from map layers. Enhance your 3D work with the new 3D editing grid that allows you to precisely snap to, edit and work with your data. Add branches to ModelBuilder using a set of nine logical tools that support the creation of If-Then-Else branching logic in your models. Use custom web tools to make custom analytics such as modelling, aggregation, and routing accessible and easy for your entire organisation to use. Declutter your web maps with point clustering, an out-of-the-box renderer that shows you general trends plus exact data points. You can now generate and serve map and image service caches from Cloud stores such as Amazon S3 and Microsoft Azure Storage. Add Viewers at no cost: ArcGIS Online The latest release of ArcGIS Online adds new administrative privileges, additional support for hosted feature layers, more imagery and demographic data, and even a new app. Make it easier to find trusted items and discourage the use of outdated material by designating content as either authoritative or deprecated. Defined areas of interest: Limit access to your features by defining a particular area of interest for hosted feature layer views. Find the latest demographic data for Germany from Nexiga as well as updates for several other countries using the latest Michael Bauer Research. Buildings and integrated mesh scene layers now load up to 50 percent faster. Also, measure distances in 3D between two points in Scene Viewer using a new interactive tool. Its drag-and-drop interface makes working with spatial and non-spatial data simple. Insights for ArcGIS Insights for ArcGIS, a web-based data analytics workbench, allows you to explore spatial and nonspatial data so you can uncover questions and quickly deliver powerful results. Analyse based on your selection: Apply a cross filter by selecting a location on a map card. See all linked cards update, showing values related only to the selected location. Try the new Calculate Z-score tool. Z-scores are useful for understanding the number of standard deviations each data value is from the mean. Binned maps are now available as a new map type and can be used for displaying and making sense of large or clustered datasets. Bar and column charts created with two string fields can now be visualised as stacked charts. Plus, switch between grouped and stacked charts. Take Insights for a test drive: Government agencies leverage existing data and open data by connecting it directly to community priorities. Connect internal departments and external stakeholders to issues and initiatives. Access the tools you need to track the progress and outcomes of community initiatives. Developers and citizens can apply data to make their community a more efficient, livable, sustainable, and smart place to live. It provides awareness of system usage and performance, helping you get the most from your GIS and IT investment. Return on IT investment: Reduce costs with more effective system operation. Monitor all system tiers: Oversee databases, networks, and GIS software. See alerts and notifications: Detect and resolve problems or potential problems. Use reports and metrics: Deliver system updates to staff and management. Quickly view any demographic variable as a multi-geography level map. Click a variable to build map layers for all the major administrative boundaries per country. But, here you can use local data, not just an online demographic service. Run all the demographic summary reports available from Esri. You can connect to these templates in the Cloud or from your local dataset. Identify customer locations and see any overlap with nearby franchises. For example, find the nearest 60 percent of customers using your product. Based on years of cross-domain experience in remote sensing and GIS, it is designed for analysts, scientists, and photogrammetrists. It will give you an advantage when working with image processing, interpretation, exploitation, analysis, and the creation of information products from remotely sensed data. Get photogrammetrically accurate 3D cursor enabling measurement and collection of ground features directly into feature classes. See as the sensor sees: Work with oblique imagery that is free from distortion. Measure height, length, and area features in 2D space directly from sensor-based and georeferenced imagery. Use advanced classification pixel, object, and machine learning tools help you to unlock the potential of every pixel. Integrated GIS and remote sensing functionality: Operate within an intuitive ribbon interface letting you perform all your remote sensing analysis in one application. Some of those new features include: Support for multiple-machine sites. Ability to start and stop

all inputs, outputs, and GeoEvent Services. Enhanced on-the-fly aggregation to support polygon, polyline, and multipoint with features in the spatiotemporal big data store. Improved data retention purge rules with the ability to specify WHERE clauses in the spatiotemporal big data store. Developer support for space-time volume on-the-fly aggregation in the spatiotemporal big data store. It includes new functionality, enhancements, and bug fixes. Some of the most requested features include: Improved performance with creating projects and adding source imagery. The ability to logout and exit the app on shared workstations. Work in the browser: No need to download and install an app. Browse and manage your dashboards within your ArcGIS organisational content, or the dashboard home page. Configure dashboards composed of charts, gauges, maps, and other visual elements that communicate with each other. Use smart mapping, heat map renderers, vector basemaps, stream layers, labels, and custom pop-ups. Also, try Arcade expressions to enhance map labels and symbology. Build various types and styles of charts that match chart colors with map symbol colors. Create intuitive indicators and gauges to highlight important information. Experience attractive and intuitive default styles, plus options such as custom HTML, unit prefixing, and date formatting. Configure dashboards composed on charts, gauges, maps, and other visual elements that communicate with each other. Experience the full functionality by moving to the new browser-based version. The API combines modern web technology and powerful geospatial capabilities enabling you to create high-performing apps and smarter visualisations of your data. The latest API versions 4. It provides simple and efficient tools for sophisticated vector and raster analysis, geocoding, map making, routing and directions, as well as for organising and managing a GIS with users, groups and information items. In addition to working with your own data, the library enables access to ready-to-use maps and curated geographic data from Esri and other authoritative sources. It also integrates well with the scientific Python ecosystem and includes rich support for Pandas and Jupyter notebook. You can quickly visualise spatial patterns using smart mapping, as well as the attribute data in a tabular form. Add powerful spatial capabilities to your native apps and empower your app users to do all things GIS, even when offline. This is an important release for many reasons. First, it brings us closer to functional equivalency with With this release, experience new layers and data sources, additional analysis tools, 2D and 3D rendering improvements, better handling of standard and custom geographic transformations, workflow productivity enhancements, bug fixes and more.

Chapter 2 : What's new in ArcGIS | Esri Indonesia

iso download tutorial microsoft office word pdf bahasa indonesia windows failed esri arcgis for desktop acrobat xi with crack multilanguage TUTORIAL Membuat Peta Topografi dan Peta Kontur Menggunakan ArcGIS 10 Cara membuat layout dari data GPS dengan menggunakan arcgis UKK Spline menggunakan Arcgis dalam bahasa indonesia.

Peningkatan pemakaian system ini terjadi dikalangan pemerintah, militer, akademis, atau bisnis terutama di negara-negara maju. BAKOSURTANAL menjabarkan SIG sebagai kumpulan yang terorganisir dari perangkat keras komputer, perangkat lunak, data geografi, dan personel yang didesain untuk memperoleh, menyimpan, memperbaiki, memanipulasi, menganalisis, dan menampilkan semua bentuk informasi yang bereferensi geografi. Digitasi secara umum dapat didefinisikan sebagai proses konversi data analog ke dalam format digital. Objek-objek tertentu seperti jalan, rumah, sawah dan lain-lain yang sebelumnya dalam format raster pada sebuah citra satelit resolusi tinggi dapat diubah kedalam format digital dengan proses digitasi. Digitasi merupakan usaha untuk menggambarkan kondisi bumi kedalam sebuah bidang datar dalam computer. Atau dapat disebut sebagai pengubahan data peta hardcopy menjadi softcopy. Tujuan Tujuan penulisan Laporan ini adalah untuk memenuhi tugas laporan sistem informasi perencanaan. Dengan adanya laporan ini diharapkan dapat bermanfaat dan menjadi panduan dalam pembuatan Shapefile baru dengan melakukan digitasi di ARCGIS Sejalan dengan berkembangnya perangkat komputer, baik perangkat lunak maupun perangkat keras, SIG berkembang mulai sangat pesat pada era an dan saat ini semakin berkembang. Digitasi Digitasi secara umum dapat didefinisikan sebagai proses konversi data analog ke dalam format digital. Objek-objek tertentu seperti jalan, rumah, sawah dan lain-lain yang sebelumnya dalam format raster Pada sebuah citra satelit resolusi tinggi dapat diubah kedalam format digital dengan proses digitasi. Sumber data peta untuk digitasi dibagi menjadi beberapa bagian, antara lain sebagai berikut: Langkah-Langkah Pembuatan Digitasi dan Layout 2. Page 4 Gambar 2. Gambar miring atau hilang, ulangi memasukan titik koordinat Bisa karena posisi peletakan titik yang salah atau karena titik koordinat yang tertukar. Page 5 Gambar 2. Membuat Shapefile Baru Setelah berhasil mengupdate titik koordinat Update Georeferencing selanjutnya adalah memulai digitasi. Feature Type Point untuk membuat Landmark atau tanda, Polygon untuk membuat guna lahan atau hal lain yang sekiranya membentuk suatu kawasan, dan Polyline untuk membuat jalan atau batas administrasi atau hal-hal lain sekiranya hanya berbentuk garis. Page 8 Gambar 2. Menambahkan Keterangan Pada Attribute Table Setelah berhasil membuat Shapefile baru kita harus menambahkan kolom keterangan pada Shapefile untuk memberikan keterangan pada digitasi kita nanti. Memulai Digitasi Setelah membuat keterangan kita telah siap melakukan digitasi pada peta. Jika kita klik Stop Editing maka akan muncul Page 11 Windows Save untuk editing, Klik yes jika kita ingin menyimpan hasil digitasi pada Shapefile, Klik no jika tidak, Klik cancel jika ingin melanjutkan digitasi. Pemberian Nama Pada Hasil Digitasi Setelah kita selesai mendigitasi, kita dapat memberikan keterangan pada hasil digitasi kita. Page 12 Gambar 2. Page 13 Gambar 2. Membuat Layout Setelah proses digitasi selesai selanjutnya adalah pembuatan tampilan layout, yang harus dilakukan pertama adalah pengaturan orientasi kertas, pengaturan orientasi kertas tergantung pada kebutuhan atau tampilan petanya sendiri apakah portrait atau landscape. Page 15 Gambar 2. Page 16 Gambar 2. Page 17 Gambar 2. B nilai interval pada X Axis harus sama dengan Y Axis.

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