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# The Science of Where

Supporting Indonesia's priorities with the world's most powerful mapping and analytics solutions.



## Supporting Indonesia's key priorities

Esri Indonesia is the country's leading geospatial solutions group and the exclusive local provider of the world's most advanced Geographic Information System (GIS) technology – the ArcGIS platform.

The ArcGIS platform underpins the operations of hundreds of Indonesia's government and commercial organisations, empowering them to overcome real-world challenges and deliver better business outcomes.

As Indonesia's largest group of geospatial experts, we work closely with this country's most progressive organisations to build world-class GIS capabilities that support initiatives around Industry 4.0 Big Data, Machine Learning, Artificial Intelligence and real-time analytics. Our reputation and commitment to quality has seen us awarded some of the country's most important projects, including the ongoing development of a National Spatial Data Infrastructure (NSDI). We are also playing a key role in supporting the goals of Indonesia's One Map Policy.

Outside the professional sector, Esri Indonesia also maintains strong ties with the community, providing services to a range of not-for-profit and educational institutions.

## A global network of expertise

Esri Indonesia is part of a global community of GIS professionals, who collectively believe geography prothe answers for a more resilient and sustainable future.

Together with Esri – we are united in our commitment create responsible solutions that help people solve reaworld problems.

The relationship between Esri Indonesia and Esri is a tr partnership, where each party makes a valuable – and distinct – contribution.

As the technology developer, Esri is focused on growin and evolving the ArcGIS platform through their extens R&D program.

Conversely, we serve as your advocate – representing to local ArcGIS user community. We actively educate Esri

**Market Leader** in mapping and geospatial analytics 40 Years of continuous achievements **1700** Clients across the public sector and commercial organisations 34 Partnerships with Universities and Educational Institutions



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vides	on the requirements and priorities of Indonesia; while ensuring this nation's ArcGIS users receive high-quality service and support.
to al-	The local market insights we share with Esri enable them to accurately shape the development of the ArcGIS platform with our country's specific needs considered.
rue	Esri's commitment to Indonesia is further shown in its preparedness to invest significant time and resources to work side-by-side with us; and our most active and progressive clients.
the	This, coupled with our own local user engagement program, ensures users can connect with Esri's global subject matter experts, product engineers and – most importantly – each other.





### ArcGIS: the world's leading **GIS technology**

ArcGIS is the world's most powerful mapping and analytics software. More than 300,000 organisations around the globe rely on the ArcGIS platform to map and analyse data and make better decisions.



Apply location-based analytics to business practices



greater insights using tools to visualise and analyse data



and share via maps, apps, dashboards, and reports

### Actionable intelligence

The ArcGIS platform provides users with the ability to visualise information not only by various mapped layers, in 2D or 3D but also across the spectrum of time. This capability allows users to easily unearth relationships, patterns, and trends that would have otherwise remained buried in static reports.

## Indonesia's largest group of spatial professionals

As the country's leading geospatial solutions provider, Esri Indonesia's team comprises more than 80 professionals from a range of industries and disciplines, including: business analytics, environmental science, Geospatial Artificial Intelligence, and software development among others.

Armed with a quality product and buoyed by the opportunity to make a difference with geography, each

84 Professionals consisting of geospatial and industry experts

### Fully interoperable

The ArcGIS platform can be integrated with a wide range of common enterprise systems such as SAP, IBM, SAS, Microsoft and AutoCAD, enabling users to geo-enable their business in a risk-managed way and get more ROI from prior investments made. The technology is also capable of fusing a wide variety of data formats – including imagery, 2D and 3D data, real-time data, social media feeds, and demographic data – into a single system.

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member of our team is committed to expanding their knowledge of what's possible with the ArcGIS platform.

Our Professional Services team draws on industry bestpractice and uses proven methodologies to deliver fitfor-purpose solutions - whether it's setting a GIS strategy, optimising your application's user experience, or designing a customised system architecture.

# Supporting the community during challenging times



We are committed to being good corporate citizens and supporting Indonesia during times of crisis.

Esri's Disaster Response Program (DRP) exists to support emergency response efforts with GIS technology and expertise, when local first responder capacity is exceeded.

When you need help quickly, Esri can provide data, software, configurable applications, and technical support for your emergency GIS operations. Use GIS to rapidly access and visualise mission-critical information about the specific locations affected by a disaster. Get the information you need fast, in a way that's easy to understand, to make better decisions during a crisis.

We also provide extensive support to the local ArcGIS community through Esri Indonesia's Emergency Spatial Support Centre. Through this Centre, our team of skilled spatial professionals have provided GIS support for emergencies including the Palu-Donggala earthquake and tsunami, the eruption of Mt Agung in 2017, the forest fires in Sumatra and Kalimantan and most recently the Jakarta floods in early January 2020.



### COVID-19 Geoportal

The Geoportal provides communities in Indonesia with authoritative data and resources on the spread of the virus. It also allows users to download data, API and services that can be used by the communities to create their own apps without any programming skills required.





#### Sumatra and Kalimantan Forest fires

In response to the forest fires, Esri Indonesia developed a mapping dashboard that integrates and visualises data to give users a clearer picture of the major forest fire hot spots and their impact on air quality.



### Palu-Donggala earthquake and tsunami

Esri Indonesia's Emergency Spatial Support Centre created a series of applications and operational dashboards which features the number of buildings and infrastructure impacted, affected population and their demography, a before and after satellite imagery comparison, dashboard of available hospitals, evacuation centres and live reports from social media.







### Ebola virus

Esri assisted the Centre for Disease Control and Prevention and the World Health Organization in their efforts to control and manage Ebola in West Africa. Throughout the crisis, Esri's ArcGIS software was used to evaluate disease spread, site treatment units, speciality labs and more. With such information, health authorities were able to allocate resources and facilities for diagnosis, treatment and care of infected patients.



#### Zika virus

The Pan American Health Organization (PAHO) and the World Health Organization (WHO) mapped and analysed the transmission of Zika around the world, helping to prevent its spread.

### Nepal earthquake

By mapping updates from the Humanitarian Data Exchange, authorities could identify the districts most impacted by the earthquake and determine the best course for response and recovery.