**K-GIS Promotional Content**

**Series - 1; September-2018**

Karnataka GIS (K-GIS)

## About

## SD02HG8LG5U4 Karnataka Geographic Information System (K-GIS) is a flag ship program of the state which is visualized as a technology of common platform that ensures availability of updated “GIS ready data” of specified standard. K-GIS expects to enhance data, integration, interoperability through service oriented architecture and insights through analytics thereby enabling the departments towards g-governance. K-GIS program is being implemented by KSRSAC on mission mode with a dedicated project team with *with* [*technical guidance*](https://kgis.ksrsac.in/kgisdocuments/DATAforPortal/gok/Reconstitution%20Order_English.pdf) *from experts and policy directives advice & review by* [*Empowered Committee*](https://kgis.ksrsac.in/kgisdocuments/DATAforPortal/gok/Empowered%20Committee%20Govt.%20order_Eng.pdf) *chaired by Chief Secretary, GoK*. For now, K-GIS have collated various datasets and applications which can be used for planning and governance needs and made available in K-GIS portal. [Click here](https://kgis.ksrsac.in/kgis) for more Details.

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## Sectors / Departments

## K-GIS have grouped Government of Karnataka Departments based on the nature of data usage and functional activities for ease of user access. The sectors include Agriculture, Water Resources, Health, Education, Revenue, Rural, Urban, Forest, Infrastructure, Transport, Energy etc. The constituent departments / commissionarate’s / Directorates / Boards / Society etc are grouped under each sector. For more details, [click here](https://kgis.ksrsac.in/kgis/department.aspx)

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## Data Sets

## K-GIS have taken the initiative to map and integrate all available department asset / facilities data and make it available through a single gateway (K-GIS Portal). These data are organised and standardised such that they are readily available, easy-usable “integrated” GIS content for the entire state. Topographical and thematic layers generated by KSRSAC over the years are also made available. All the datasets are provided with Metadata which can help in the utilisation of data. The administrative, constituency and Planning boundaries are made available to view and download, for free. The 3D terrain visualisation of entire state is made possible through 2.5m CartoSAT stereo satellite data for the full state along with 50cm resolution stereo data for Bangalore. The data is organised by sectors and departments which can be easily searched …. [Read more…](https://kgis.ksrsac.in/kgis/MetadataNew.aspx)

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## Applications

## For many sector / departments, web and mobile applications are developed. The applications were developed for both citizen and departmental use. The various GIS applications developed for citizen uses developed under K-GIS are made available under K-GIS through a single unified view in K-GIS Viewercid:SPS7HG8LG5U4.Q5PFA3MWYFLL1@KSRSAC-VEENA. The K-GIS Viewer has many functions customised that are commonly used by a general user. The various departmental assets, facilities and information system can be accessed seamlessly and queried / visualised together with other published / personal GIS data for better planning [.Click here](https://kgis.ksrsac.in/kgis/portal.aspx) for functional aspects of K-GIS Viewer along with its user manual. The unified application view can be accessed fromcid:C588HG8LG5U4.YHFM4DHH8FZW2@KSRSAC-VEENA. Departmental users can access their respective applications for data entry / management through their existing login credentials. For registration of new users, the nodal officers of department or support team (kgissupport@ksrsac.in) need to be contacted.

## Open API’s

## K-GIS offer an extensive set of Open APIs and is letting the outside world in. You can mash up your own data, search for Near By Assets and do much more. [Read more…](https://kgis.ksrsac.in/kgis/WebAPI.aspx)

## What’s Next

## The next promotional series on K-GIS shall have details of data and applications, sector wise. Inclusion of new application and data, more refinements / customisation of existing functions shall continue in K-GIS. Keep visiting K-GIS for all your geo visualisation and planning needs. If you want your data and applications to be part of K-GIS and to give your comments / feedback, please [*write to us*](https://stg1.ksrsac.in/feedback/) *(feedback and new requirement)*

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[**See more news>>**](https://kgis.ksrsac.in/kgis)

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