

GPSConstat

GPSConstat is an Android application created as an easy to use tool for the quality control of road, rail and river infrastructures, which has been accompanied by an innovative functionality for automatic calculation of the progressive along a reference axis that is entered with a KML file. The obtained result is a PDF output for each recorded ascertainment and a summary excel file. Recorded data can be loaded in real time on GENIE database for online sharing.

GPSConstat is the tool that allows the user to create autonomously the environment in which to operate in an easy and immediate way.

Thanks to the compilation of specific text file it is possible to define a list of infrastructures that need intervention, whether they are civil engineering works or other objects; it is possible to define a list of anomalies to associate with these infrastructures, such as for example the degradation or even just a simple note field.

By doing so the user can take a census of the actual state of each object which is considered important, associating GPS coordinate, taking pictures and defining the progressive number of kilometres compared to the reference axis.

What is obtained from this information is a PDF file of the single census and an excel file of all daily activities that have been performed.

The main evolution of **GPSConstat** is the possibility to enter autonomously the reference axis, whether they are road axes, pathways, fluvial axes, etc. Each linear element saved as KML file is uploaded into GPSConstat, and once selected, all taken census will be returned to that axis, for which the values of progressive along the axis and the transverse distance will be provided.



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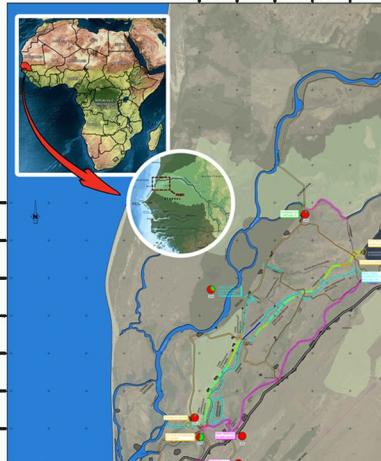
Projet du Delta du Sénégal

Adducteur
Constats Précédents

Adducteur
Nom de l'adducteur

Selectionnez un adducteur

- GANDIOLAIIS-RD
- GANDIOLAIIS-RG
- GOROM AMONT-RD
- GOROM AMONT-RG
- GOROM AVAL-RD
- GOROM AVAL-RG
- KASSACK NORD-RD
- KASSACK NORD-RG
- KASSACK SUD-RD
- KASSACK SUD-RG
- KRANKAYE-RD
- KRANKAYE-RG
- LAMPSAR AMONT-RD
- LAMPSAR AMONT-RG
- LAMPSAR AVAL-RD
- LAMPSAR AVAL-RG
- LAMPSAR MEDIAN-RD
- LAMPSAR MEDIAN-RG
- NGALAM-RD
- NGALAM-RG
- Autre



Description du constat
Objet du constat

Dégénération

Description du problème

Six photos au maximum

Ajouter une photo

OK

Description du constat
Objet du constat

Selectionnez l'objet du constat

- Affaissement
- Compactage
- Conception et Dimensionnement
- Curage
- Digue
- Deblais
- Dégagement
- Dégénération
- Démolition
- Dénivelé
- Erosion
- Finitions inachevées
- Fissure
- Motopompe et accessoires
- PAR - Abreuvoir
- PAR - Autre
- PAR - Bassin de dissipation
- PAR - Ecole
- PAR - Lavoir
- PAR - Maison
- PAR - Prise d'eau
- PAR - Santé
- Phénomène de renard
- Raccordement
- Remblais
- Talutage
- Terrassement
- Autre



