

## Issues

| #    | Project | Tracker       | Status | Priority | Subject   | Assignee            | Updated          |
|------|---------|---------------|--------|----------|---|---------------------|------------------|
| 6070 | Gisaf   | Support       | New    | Normal   | A survey of 3D GIS Models   | Pavneet Kaur        | 05/02/2019 12:47 |
| 6077 | GIS     | Support       | New    | Normal   | AC in office  |                     | 23/06/2018 13:05 |
| 6090 | Gisaf   | Bug           | New    | Low      | Polygon rendering issue   | Philippe May        | 07/03/2019 16:24 |
| 6099 | Gisaf   | Feature       | New    | Low      | Sanic/Gino admin  | Philippe May        | 07/03/2019 16:24 |
| 6538 | Gisaf   | Bug           | New    | Normal   | Well level: improve the form and input processing (dry checkbox)                              | Philippe May        | 12/03/2019 11:09 |
| 6907 | Gisaf   | Support       | New    | Low      | Study alternative for TileServer  | Philippe May        | 11/01/2020 11:45 |
| 7379 | Gisaf   | Feature       | New    | Low      | Make Gisaf installable (Progressive Web App)  | Philippe May        | 02/02/2019 10:27 |
| 7402 | GIS     | Support       | New    | Normal   | Integrate data from well probes   | Philippe May        | 10/01/2019 11:12 |
| 7530 | GIS     | Task          | New    | Normal   | Check the paint of the piezo boxes  | Bala Ramachandran   | 02/02/2019 11:34 |
| 7578 | GIS     | Task          | New    | Normal   | Preparation regarding the meeting with gilles   | Dorian Nadaud       | 06/02/2019 16:08 |
| 7608 | GIS     | Task          | New    | Low      | creating a structure for tags   | Pavneet Kaur        | 15/03/2019 14:58 |
| 7643 | GIS     | Task          | New    | Normal   | Health check-up in the RZ   | Meera Natarajan     | 18/02/2019 09:25 |
| 7645 | GIS     | Documentation | New    | Normal   | Documentation of health checks  |                     | 18/02/2019 09:24 |
| 7651 | GIS     | Task          | New    | Normal   | Create the Proposed shapefile layers  | Pavneet Kaur        | 13/02/2019 15:44 |
| 7698 | GIS     | Task          | New    | Normal   | EC & pH meter   | Meera Natarajan     | 20/02/2019 10:01 |
| 7721 | GIS     | Task          | New    | Normal   | create template for health check-up   | Meera Natarajan     | 20/02/2019 11:58 |
| 7724 | GIS     | Task          | New    | Normal   | Publish CZ and IDZ- Water Project> on Gisaf   | Pavneet Kaur        | 15/03/2019 14:55 |
| 7734 | GIS     | Task          | New    | Normal   | Start surveying in Sukhavati  | Ramkumar Sekar      | 25/02/2019 17:49 |
| 7746 | GIS     | Task          | New    | High     | Sacred Groves well  | Bala Ramachandran   | 05/03/2019 11:32 |
| 7762 | GIS     | Documentation | New    | Normal   | WEb resources for Open Drone Map  | Giulio Di Anastasio | 25/02/2019 10:34 |
| 7776 | GIS     | Feature       | New    | High     | Text on IZ CAD file   | Pavneet Kaur        | 26/02/2019 12:57 |
| 7789 | GIS     | Task          | New    | Normal   | Cross check Johnny's well id 54 EGB007 - DEPTH is not correct in Harvest data                 | Giulio Di Anastasio | 27/02/2019 16:58 |
| 7795 | GIS     | Support       | New    | Normal   | Open SOurce software tutorials on water management from youtube - Hatari Labs                 | Pavneet Kaur        | 12/03/2019 16:33 |
| 7817 | GIS     | Feature       | New    | Normal   | Updating dates for 66 records in the Benches attribute table.                                 | Pavneet Kaur        | 15/03/2019 15:03 |
| 7836 | GIS     | Task          | New    | Normal   | Bobby well missing  | Pavneet Kaur        | 15/03/2019 15:04 |
| 7853 | GIS     | Support       | New    | Normal   | Install OpenDroneMap and WebODM   | Philippe May        | 09/05/2019 15:57 |
| 7857 | GIS     | Task          | New    | Normal   | Add new wells in gisaf  | Pavneet Kaur        | 08/03/2019 16:06 |
| 7858 | GIS     | Task          | New    | Normal   | Harvest data of wells to be entered in Gisaf  | Pavneet Kaur        | 08/03/2019 16:07 |
| 7913 | GIS     | Task          | New    | High     | Editing to be done in GISAF   | Pavneet Kaur        | 15/03/2019 14:42 |
| 8016 | GIS     | Task          | New    | Normal   | Handling Exception in Python Scripts, Logging and Creating and Publishing to a Git Repository | Debojyoti Mallick   | 03/05/2019 11:14 |

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|-------|---------|---------------|--------|----------|---|-------------------------|------------------|
| 8070  | GIS     | Documentation | New    | Normal   | TIN based watershed models  |                         | 10/04/2019 15:31 |
| 8262  | GIS     | Feature       | New    | Normal   | Change points into MISTAKES for updated cycle path and MM fence                             | Pushparaj Muthukrishnan | 09/05/2019 14:59 |
| 8303  | GIS     | Task          | New    | High     | Health check up residential zone (Priority 1 list)  | Meera Natarajan         | 14/05/2019 11:29 |
| 8567  | GIS     | Task          | New    | Normal   | Delaunay 2D and 3D triangulation using catchment points and their elevations                | Debojyoti Mallick       | 03/07/2019 11:44 |
| 8721  | Gisaf   | Feature       | New    | Normal   | Survey data basket: handle the case when more than one file in the basket per day           | Philippe May            | 14/10/2020 17:01 |
| 8746  | GIS     | Task          | New    | Normal   | Updating and Standardizing Symbology and Color for features in the AV Geomatics Portal.     | Debojyoti Mallick       | 02/08/2019 16:08 |
| 8762  | GIS     | Documentation | New    | Normal   | Calculation of Run-off volume and Vegetation classification                                 |                         | 05/08/2019 17:07 |
| 8763  | GIS     | Bug           | New    | Normal   | Calculation of Run-off volume and Vegetation classification                                 |                         | 05/08/2019 11:16 |
| 8787  | GIS     | Support       | New    | Normal   | In Wastless P49 points are in text, we can't able to upload in gsaf                         | Giulio Di Anastasio     | 13/08/2019 17:10 |
| 9141  | GIS     | Documentation | New    | Normal   | AWS water supply data   |                         | 16/10/2019 12:52 |
| 9483  | Gisaf   | Support       | New    | Normal   | Performance: writing gpkg is slower than shapefiles   | Philippe May            | 08/01/2020 11:15 |
| 9538  | Gisaf   | Feature       | New    | Normal   | Download shapefile of raw survey points facility - TO BE REMOVED?                           | Philippe May            | 07/01/2020 14:35 |
| 9603  | Gisaf   | Bug           | New    | Normal   | Map: clean memory after removing layer  | Philippe May            | 20/01/2020 13:05 |
| 9735  | GIS     | Documentation | New    | Normal   | Discipline farm well: wrong depth   | Bala Ramachandran       | 18/02/2020 17:15 |
| 9736  | GIS     | Support       | New    | High     | Enter correct day and time of the measurements of the wells                                 | Bala Ramachandran       | 18/02/2020 17:23 |
| 9749  | Gisaf   | Feature       | New    | Normal   | Strip extra characters in graphql queries   | Philippe May            | 07/09/2020 12:48 |
| 9789  | Gisaf   | Feature       | New    | Normal   | Login: put in a dialog  | Philippe May            | 28/02/2020 04:28 |
| 10140 | Gisaf   | Bug           | New    | Normal   | Admin: sort out manager role  | Philippe May            | 19/05/2020 19:22 |
| 10170 | GIS     | Bug           | New    | Normal   | Fix logout  |                         | 23/05/2020 16:48 |
| 10196 | GIS     | Documentation | New    | Normal   | Reconciliation of points in tables not at raw level.(Polygon,Line)                          | Giulio Di Anastasio     | 26/05/2020 14:37 |
| 10214 | Gisaf   | Support       | New    | Normal   | Multiple Reconciliations  | Philippe May            | 27/05/2020 16:12 |
| 10228 | Gisaf   | Bug           | New    | Normal   | Telephone box: geopackage error while downloading, geometry wrong in shape file             | Giulio Di Anastasio     | 28/05/2020 18:09 |
| 10322 | GIS     | Support       | New    | Normal   | Resume the basket imports, and review of the new admin baskets                              | Giulio Di Anastasio     | 11/06/2020 17:17 |
| 10344 | Gisaf   | Bug           | New    | Normal   | Error: No accuracy defined for surveyor Eric Chacra - Baraka and equipment {file.equipment} | Giulio Di Anastasio     | 16/06/2020 04:27 |
| 10364 | Gisaf   | Support       | New    | Normal   | Reconcile the reconciliations   | Philippe May            | 17/06/2020 17:27 |
| 10733 | GIS     | Documentation | New    | Normal   | Tags retained when the same geometry is replaced  |                         | 04/08/2020 16:16 |
| 10862 | GIS     | Bug           | New    | Normal   | Fix the issues resulted from import point bug   | Philippe May            | 05/09/2020 15:11 |
| 10991 | Gisaf   | Bug           | New    | Normal   | Graph of Average rainfall by month in Dashboard - limited viewing area when zooming in      | Philippe May            | 17/09/2020 14:49 |
| 11071 | Gisaf   | Support       | New    | Normal   | Reconciliation: cannot find some points   | Philippe May            | 01/10/2020 13:03 |

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| 11081 | Gisaf                            | Support       | New    | Normal   | Gisaf doesn't allowed multiple reconciliation                              | Philippe May        | 01/10/2020 15:00 |
| 11329 | GIS                              | Feature       | New    | Normal   | Boundary Stones Updation   | Giulio Di Anastasio | 12/11/2020 18:03 |
| 11441 | Geomatic studio models for Gisaf | Feature       | New    | Normal   | Add models for AVES  |                     | 07/12/2020 16:42 |
| 11448 | GIS                              | Documentation | New    | High     | Meaning of colors for wells in the map                                     | Giulio Di Anastasio | 10/12/2020 11:34 |
| 11486 | GIS                              | Feature       | New    | Normal   | Button Labels for wells details  | Philippe May        | 21/12/2020 10:26 |
| 11497 | GIS                              | Support       | New    | Normal   | Add log book information to raingauges, etc                                | Giulio Di Anastasio | 21/12/2020 14:54 |
| 11506 | GIS                              | Documentation | New    | Normal   | Article on wells levels graphs   | Philippe May        | 21/12/2020 16:41 |
| 11648 | Gisaf                            | Documentation | New    | Normal   | Styling categories   | Giulio Di Anastasio | 27/01/2021 16:02 |
| 11678 | Geomatic studio models for Gisaf | Feature       | New    | Normal   | Add new models for AVES  | Philippe May        | 02/02/2021 12:13 |
| 11685 | GIS                              | Documentation | New    | Normal   | Daily resampling of rainfall in CSR Weather Station - How is it calculated | Giulio Di Anastasio | 04/02/2021 11:14 |
| 11715 | GIS                              | Support       | New    | Normal   | Evaluation of Pastas as an data analysis tool for well levels              | Giulio Di Anastasio | 08/02/2021 12:01 |
| 11898 | GIS                              | Support       | New    | Normal   | Add Aurogreen Weather Station  | Philippe May        | 17/03/2021 12:10 |
| 11966 | Gisaf                            | Support       | New    | Normal   | QGIS Graphical Modeler   | Giulio Di Anastasio | 16/04/2021 13:09 |
| 12051 | GIS                              | Support       | New    | Normal   | Update pgadmin   | Philippe May        | 22/04/2021 12:57 |
| 12077 | GIS                              | Documentation | New    | Normal   | Reorganize the Wiki  | Selvarani C         | 28/04/2021 17:39 |
| 12646 | Geomatic studio models for Gisaf | Feature       | New    | Normal   | Add and import new data from Johan for OFC                                 | Philippe May        | 01/08/2021 19:46 |
| 12714 | Gisaf                            | Feature       | New    | Normal   | Dana well correction factor changed  | Giulio Di Anastasio | 21/09/2021 12:57 |
| 12850 | GIS                              | Support       | New    | Normal   | Mistakenly deleted ticket about PgAdmin                                    | Giulio Di Anastasio | 08/09/2021 12:50 |
| 12976 | GIS                              | Feature       | New    | Normal   | Weather Station not recording data on 3rd October 2021                     | Giulio Di Anastasio | 05/10/2021 23:07 |
| 13106 | Gisaf                            | Support       | New    | Normal   | Errors   | Bala Ramachandran   | 27/10/2021 17:02 |
| 13107 | Gisaf                            | Support       | New    | Normal   | Errors   | Bala Ramachandran   | 27/10/2021 19:31 |
| 13259 | GIS                              | Support       | New    | Normal   | Wrong data from CSR AmbientWeather weather station                         | Giulio Di Anastasio | 03/02/2022 16:31 |
| 13445 | GIS                              | Support       | New    | Normal   | Jupyter notebook for rnoff calculation: kernel not connecting              | Giulio Di Anastasio | 03/02/2022 17:22 |
| 13478 | Gisaf                            | Bug           | New    | Normal   | gisaf.csr.av refused to connect  | Giulio Di Anastasio | 08/01/2022 14:52 |
| 13597 | GIS                              | Feature       | New    | Normal   | Courage well: tags to add after publishing                                 | Giulio Di Anastasio | 03/02/2022 17:14 |
| 13766 | Gisaf                            | Bug           | New    | Normal   | OGCAPI: make async   | Philippe May        | 11/03/2022 14:39 |
| 13847 | GIS                              | Support       | New    | Urgent   | Gisaf not responding   | Philippe May        | 01/04/2022 17:08 |
| 13901 | GIS                              | Bug           | New    | Normal   | Map: style of the category with status 'E' is always applied               | Philippe May        | 12/04/2022 11:01 |
| 13985 | Gisaf                            | Bug           | New    | High     | Gisaf is hanged  | Philippe May        | 29/04/2022 22:15 |
| 13992 | GIS                              | Documentation | New    | Normal   | Units for Wind speed in automatic weather stations                         | Giulio Di Anastasio | 30/04/2022 19:37 |
| 14269 | Gisaf                            | Support       | New    | Normal   | Gisaf is not connecting  | Selvarani C         | 09/07/2022 09:47 |

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| 14306 | GIS        | Feature       | New         | Normal   | Cannot connect from QGis  | Philippe May        | 18/07/2022 14:57 |
| 14407 | GIS        | Support       | New         | Normal   | UPS received and connected  | Philippe May        | 08/09/2022 00:54 |
| 14469 | Tree Trail | Feature       | New         | Normal   | Home page   | Philippe May        | 10/09/2022 15:57 |
| 14470 | Tree Trail | Feature       | New         | Normal   | Map: add filter   | Philippe May        | 10/09/2022 15:58 |
| 14471 | Tree Trail | Feature       | New         | Normal   | Trail list  | Philippe May        | 10/09/2022 16:00 |
| 14473 | Tree Trail | Bug           | New         | Normal   | Data not refreshed  | Philippe May        | 10/09/2022 16:02 |
| 14497 | Gisaf      | Documentation | New         | Normal   | URL to Gisaf Old Admin  | Giulio Di Anastasio | 19/09/2022 16:37 |
| 14573 | Tree Trail | Support       | New         | Normal   | Add fields for trees (Island's)   | Philippe May        | 22/10/2022 15:23 |
| 14574 | Tree Trail | Feature       | New         | Normal   | Different icons for plants  | Philippe May        | 04/11/2022 22:08 |
| 14614 | GIS        | Support       | New         | Urgent   | CSR Weather Station not recording data?   | Philippe May        | 16/11/2022 15:17 |
| 14712 | Gisaf      | Feature       | New         | Normal   | Installation of fonts in Gisaf  | Giulio Di Anastasio | 24/12/2022 12:13 |
| 14762 | GIS        | Support       | New         | Normal   | Rain data of Sri Aurobindo Society Building Pondicherry - Beach Office  | Philippe May        | 11/01/2023 16:52 |
| 14770 | Gisaf      | Support       | New         | Normal   | Birdfont file of Symbols  | Giulio Di Anastasio | 21/04/2023 17:16 |
| 14878 | Gisaf      | Support       | New         | Normal   | Old admin not connecting  | Selvarani C         | 01/06/2023 16:06 |
| 14895 | GIS        | Support       | New         | Normal   | Backup the whole server   | Philippe May        | 18/03/2023 14:56 |
| 15003 | GIS        | Bug           | New         | Normal   | Well level trend computation has opposite sign (minus instead of plus, and viceversa)                             | Philippe May        | 25/04/2023 15:48 |
| 15164 | Gisaf      | Support       | New         | Normal   | Missing Files   | Philippe May        | 01/09/2023 12:52 |
| 15224 | Gisaf      | Bug           | New         | Normal   | Double tools in data entering form  | Giulio Di Anastasio | 12/10/2023 15:52 |
| 15251 | Gisaf      | Bug           | New         | Normal   | Tags not displaying properly  | Philippe May        | 10/11/2023 16:40 |
| 15270 | GIS        | Feature       | New         | Normal   | Record well sensor data (mqtt)  | Giulio Di Anastasio | 29/11/2023 17:32 |
| 15271 | Gisaf      | Bug           | New         | Normal   | Integrated tileServer broken  | Philippe May        | 23/11/2023 18:56 |
| 6769  | GIS        | Support       | In Progress | Normal   | Issue in the DXF conversion   | Pavneet Kaur        | 04/10/2018 15:00 |
| 7120  | GIS        | Support       | In Progress | Normal   | High CPU usage on the server (dom0)   | Philippe May        | 26/02/2019 13:10 |
| 7161  | GIS        | Support       | In Progress | Normal   | Setup remote backup   | Philippe May        | 19/12/2018 10:14 |
| 7584  | Gisaf      | Bug           | In Progress | Normal   | Error with large integers (graphql)   | Philippe May        | 20/09/2019 10:52 |
| 8486  | GIS        | Task          | In Progress | Normal   | Understanding how to generate a DSM (Digital Surface Model) or DEM (Digital Elevation Model) using Survey Points. | Debojyoti Mallick   | 03/07/2019 11:44 |
| 10291 | GIS        | Support       | In Progress | Normal   | Vacuum DB at reboot   | Philippe May        | 29/10/2021 11:44 |
| 12867 | GIS        | Support       | In Progress | Normal   | Upgrade server (all virtual machines) to Debian bullseye  | Philippe May        | 25/10/2021 17:34 |
| 13115 | GIS        | Task          | In Progress | Urgent   | Server not working after power cut  | Philippe May        | 29/10/2021 11:05 |
| 13203 | GIS        | Support       | In Progress | Normal   | Redis server: fix warning related to memory allocation  | Philippe May        | 12/11/2021 13:03 |
| 13991 | GIS        | Support       | In Progress | High     | Gisaf is again hung   | Philippe May        | 30/04/2022 14:01 |
| 14472 | Tree Trail | Feature       | In Progress | Normal   | Trail detail: show number of spices   | Philippe May        | 23/10/2022 15:09 |

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|-------|----------------------------------|---------|-------------|----------|---|-------------------------|------------------|
| 14475 | Tree Trail                       | Feature | In Progress | Normal   | Add pictures for trees  | Philippe May            | 23/10/2022 15:09 |
| 14476 | Tree Trail                       | Feature | In Progress | Normal   | Add pictures for trails   | Philippe May            | 23/10/2022 15:08 |
| 14542 | Gisaf                            | Support | In Progress | High     | Gisaf not properly working: time-out and wrong date for weather station rainfall data - UPDATE        | Philippe May            | 10/10/2022 15:07 |
| 15145 | Gisaf                            | Support | In Progress | High     | Gisaf is not Connected  | Philippe May            | 25/08/2023 12:23 |
| 15225 | Gisaf                            | Bug     | In Progress | Normal   | Duplication of well readings  | Giulio Di Anastasio     | 12/10/2023 20:10 |
| 15252 | Gisaf                            | Task    | In Progress | Normal   | Gisaf giving an error while importing Johan's file  | Giulio Di Anastasio     | 05/12/2023 15:50 |
| 15439 | Gisaf                            | Support | In Progress | Normal   | Migration to "Gisaf NG"   | Philippe May            | 29/04/2024 03:44 |
| 3368  | GIS                              | Bug     | Resolved    | Urgent   | Cannot upload data  | Philippe May            | 21/12/2016 12:10 |
| 3410  | GIS                              | Support | Resolved    | High     | Map website to <a href="http://water.auroville.org.in">http://water.auroville.org.in</a>              | Philippe May            | 27/12/2016 22:41 |
| 3472  | Gisaf                            | Feature | Resolved    | Normal   | Weather station graphs: choice of parameters  | Philippe May            | 10/03/2019 14:52 |
| 5033  | Gisaf                            | Feature | Resolved    | Normal   | Add an option to display a base line in the bar charts  | Philippe May            | 04/01/2018 01:09 |
| 5618  | Gisaf                            | Feature | Resolved    | Low      | Export layers as DXF  | Philippe May            | 05/03/2019 12:42 |
| 5974  | Gisaf                            | Bug     | Resolved    | Normal   | Issues in uploading readings into GISAF using interface   | Philippe May            | 06/02/2019 09:25 |
| 5978  | GIS                              | Task    | Resolved    | High     | Registration for Bangalore Open Street Map conference   | Philippe May            | 11/06/2018 11:56 |
| 5988  | Gisaf                            | Bug     | Resolved    | Normal   | problem with the flow from origin of wastewater to the component                                      | Philippe May            | 08/06/2018 15:14 |
| 6069  | Gisaf                            | Task    | Resolved    | Normal   | wwtp output and flow component - output   | Philippe May            | 22/06/2018 15:15 |
| 6494  | GIS                              | Support | Resolved    | Normal   | Add CC copyright on data  | Philippe May            | 31/08/2018 21:19 |
| 6954  | GIS                              | Support | Resolved    | Normal   | Create a VM for DB  | Philippe May            | 10/11/2018 16:02 |
| 6990  | GIS                              | Support | Resolved    | Normal   | Create a VM for Notebooks   | Philippe May            | 10/11/2018 15:57 |
| 7156  | GIS                              | Support | Resolved    | Normal   | Make server boot again  | Philippe May            | 05/02/2019 11:13 |
| 7243  | GIS                              | Bug     | Resolved    | Normal   | Cannot view well level for some well  | Bala Ramachandran       | 11/12/2018 15:21 |
| 7343  | GIS                              | Support | Resolved    | Normal   | Add layer for locations   | Philippe May            | 02/02/2019 15:25 |
| 7527  | Gisaf                            | Feature | Resolved    | Normal   | Give an option to resample data for graphs (eg. rain gauge)   | Philippe May            | 07/03/2019 16:24 |
| 7548  | GIS                              | Task    | Resolved    | Normal   | To finish the Kalpana line work and Shape file and include the D, E Cad and shape file to master file | Pushparaj Muthukrishnan | 03/05/2019 11:38 |
| 7549  | GIS                              | Task    | Resolved    | Normal   | Surrender and Grace WWTP Health check   | Meera Natarajan         | 06/02/2019 09:57 |
| 7550  | GIS                              | Task    | Resolved    | High     | meeting Gilles  | Meera Natarajan         | 13/02/2019 11:13 |
| 7551  | GIS                              | Bug     | Resolved    | Normal   | error while downloading shapefiles from gisaf   | Philippe May            | 06/02/2019 09:10 |
| 7552  | GIS                              | Bug     | Resolved    | Normal   | error in auto import of raw points to point shapefiles  | Philippe May            | 05/02/2019 11:13 |
| 7554  | GIS                              | Bug     | Resolved    | Normal   | Cannot auto import points for project RZ  | Philippe May            | 04/02/2019 16:31 |
| 7574  | GIS                              | Task    | Resolved    | Normal   | Survey in Maduca  | Pushparaj Muthukrishnan | 26/02/2019 14:42 |
| 7696  | Geomatic studio models for Gisaf | Feature | Resolved    | Normal   | HT Cables shapefile from Johan  | Philippe May            | 25/02/2019 18:54 |

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| 7709 | Geomatic studio models for Gisaf | Feature       | Resolved | Normal    | Waste water treatment plant improvements   | Philippe May            | 19/03/2019 23:58 |
| 7710 | Geomatic studio models for Gisaf | Feature       | Resolved | Normal    | Add fields to the individual components  | Philippe May            | 25/02/2019 13:07 |
| 7711 | Geomatic studio models for Gisaf | Feature       | Resolved | Normal    | Add fields to component types  | Philippe May            | 25/02/2019 13:06 |
| 7722 | GIS                              | Task          | Resolved | Normal    | health check standardization of observation                                      | Meera Natarajan         | 27/02/2019 16:22 |
| 7723 | GIS                              | Task          | Resolved | Normal    | comparison pH and TDS meter  | Meera Natarajan         | 09/03/2019 11:18 |
| 7725 | Geomatic studio models for Gisaf | Feature       | Resolved | Normal    | Add a button for generating reports  | Philippe May            | 25/02/2019 13:08 |
| 7732 | GIS                              | Task          | Resolved | Urgent    | Water level in Angad's well  | Bala Ramachandran       | 23/02/2019 11:11 |
| 7778 | GIS                              | Task          | Resolved | Normal    | To fines the survey work in Sukhavati Community by 09/03/2019                    | Pushparaj Muthukrishnan | 03/05/2019 11:37 |
| 7784 | GIS                              | Task          | Resolved | Immediate | In Invocation Unpaved road is missing in gisaf                                   | Pushparaj Muthukrishnan | 23/03/2019 10:32 |
| 7786 | GIS                              | Task          | Resolved | Low       | To take a photo of Boundary Stone and position                                   | Pushparaj Muthukrishnan | 03/05/2019 11:36 |
| 7813 | Gisaf                            | Documentation | Resolved | Normal    | Including credits for ESRI basemap ( Sat, Highways, Labels )                     | Philippe May            | 05/03/2019 12:39 |
| 7814 | GIS                              | Task          | Resolved | Normal    | RTK coordinates of Drone targets   | Pushparaj Muthukrishnan | 03/05/2019 11:35 |
| 7818 | GIS                              | Task          | Resolved | Normal    | Studying OGC services with Publish / Subscription for Open source forum.         | Debojyoti Mallick       | 29/03/2019 10:37 |
| 7835 | GIS                              | Documentation | Resolved | Normal    | Adding and Using ESRI and other basemaps in QGIS.                                | Debojyoti Mallick       | 06/03/2019 13:01 |
| 7839 | GIS                              | Task          | Resolved | Normal    | Bush vs Bush Area - mismatch   | Pushparaj Muthukrishnan | 23/03/2019 10:30 |
| 7935 | Geomatic studio models for Gisaf | Task          | Resolved | Normal    | Template components in order   | Philippe May            | 20/03/2019 15:18 |
| 7936 | Geomatic studio models for Gisaf | Task          | Resolved | Normal    | Add the wastewater type to the origin  | Philippe May            | 19/03/2019 23:56 |
| 7937 | GIS                              | Bug           | Resolved | Normal    | Retention wall is not properly display in GIS,                                   | Pushparaj Muthukrishnan | 23/03/2019 15:52 |
| 7984 | GIS                              | Task          | Resolved | Normal    | Understanding The Things Network and embedding it with Jupyter for Well Data     | Debojyoti Mallick       | 29/03/2019 16:04 |
| 8060 | GIS                              | Feature       | Resolved | Normal    | Compilation of data on wells including elevation and CF (correction Factor)      | Debojyoti Mallick       | 13/05/2019 15:56 |
| 8096 | Geomatic studio models for Gisaf | Task          | Resolved | Normal    | Creating a Gkpg/shp for elevation points in Basins with category as an attribute | Philippe May            | 24/05/2019 16:57 |
| 8231 | Gisaf                            | Bug           | Resolved | Normal    | Fix status in table definition of new categories                                 | Philippe May            | 03/05/2019 17:26 |
| 8246 | GIS                              | Support       | Resolved | Normal    | Server down?   | Philippe May            | 06/05/2019 15:45 |
| 8287 | GIS                              | Task          | Resolved | Normal    | additional information to the template   | Meera Natarajan         | 24/05/2019 16:31 |
| 8299 | GIS                              | Task          | Resolved | High      | Understanding The Things Network Fair Access Policy and Gateway Limitations      | Debojyoti Mallick       | 27/05/2019 10:28 |
| 8450 | GIS                              | Support       | Resolved | Normal    | Unable to Load Jupyter Lab   | Philippe May            | 10/06/2019 15:52 |

| #     | Project | Tracker       | Status   | Priority | Subject  | Assignee          | Updated          |
|-------|---------|---------------|----------|----------|--|-------------------|------------------|
| 8504  | GIS     | Support       | Resolved | Normal   | Clean data from the weather station  | Philippe May      | 04/07/2019 17:05 |
| 8630  | Gisaf   | Feature       | Resolved | Normal   | Map: add option for filter with status   | Philippe May      | 10/07/2019 16:49 |
| 8669  | Gisaf   | Feature       | Resolved | Normal   | Groups of map layers   | Philippe May      | 26/07/2019 10:51 |
| 8756  | Gisaf   | Bug           | Resolved | Normal   | Map: handle errors when layers (eg, in base maps) don't actually exist                             | Philippe May      | 02/08/2019 16:40 |
| 9036  | Gisaf   | Bug           | Resolved | Normal   | Fix login indicator  | Philippe May      | 03/10/2019 15:15 |
| 9119  | GIS     | Task          | Resolved | Normal   | Individual/community well data   | Meera Natarajan   | 23/10/2019 11:16 |
| 9127  | GIS     | Task          | Resolved | Normal   | Cross check  | Bala Ramachandran | 20/11/2019 12:32 |
| 9220  | GIS     | Feature       | Resolved | High     | Setting the daily resampling of weather data starting from 8.30 am                                 | Philippe May      | 08/01/2020 17:57 |
| 9292  | GIS     | Support       | Resolved | Normal   | Server upgrade to buster   | Philippe May      | 13/11/2019 12:29 |
| 9463  | GIS     | Support       | Resolved | Normal   | Setup a weather station in Kalpana   | Philippe May      | 02/11/2021 15:08 |
| 9465  | Gisaf   | Bug           | Resolved | Normal   | Export plots to PNG missing axis labels  | Philippe May      | 08/01/2020 11:35 |
| 9466  | Gisaf   | Support       | Resolved | Normal   | Rename "altitude" to "elevation"   | Philippe May      | 08/01/2020 11:27 |
| 9493  | Gisaf   | Bug           | Resolved | Normal   | Plotly png download resize frame   | Philippe May      | 26/12/2019 16:37 |
| 9509  | Gisaf   | Feature       | Resolved | Normal   | Update angular-plotly to 1.5.0   | Philippe May      | 04/01/2020 12:05 |
| 9510  | Gisaf   | Feature       | Resolved | Normal   | Automatically resample to daily when there's too much data   | Philippe May      | 01/01/2020 14:12 |
| 9516  | Gisaf   | Feature       | Resolved | Normal   | Map: add option to grab link to the selected feature   | Philippe May      | 02/01/2020 15:42 |
| 9517  | Gisaf   | Feature       | Resolved | Normal   | Tags: add location   | Philippe May      | 03/01/2020 11:54 |
| 9519  | Gisaf   | Bug           | Resolved | Normal   | Map info: fix icons  | Philippe May      | 02/01/2020 13:11 |
| 9534  | Gisaf   | Feature       | Resolved | Normal   | GeoJson store: systematically use geodataframes  | Philippe May      | 07/01/2020 16:51 |
| 9552  | Gisaf   | Documentation | Resolved | Normal   | Weekly resampling - Starts on Mondays  | Philippe May      | 25/07/2020 17:12 |
| 9563  | Gisaf   | Feature       | Resolved | Normal   | Live layers: add option to link to a map feature   | Philippe May      | 12/01/2020 22:22 |
| 9592  | Gisaf   | Support       | Resolved | Urgent   | Follow up migration  | Philippe May      | 19/01/2020 13:42 |
| 9602  | Gisaf   | Bug           | Resolved | Normal   | Map: ability to cancel download  | Philippe May      | 20/01/2020 18:32 |
| 9944  | Gisaf   | Feature       | Resolved | Normal   | Admin: manage categories   | Philippe May      | 10/04/2020 12:06 |
| 10014 | Gisaf   | Feature       | Resolved | Normal   | Integrity checks   | Philippe May      | 19/05/2020 19:23 |
| 10122 | Gisaf   | Bug           | Resolved | Normal   | Reconciliation: missing categories   | Philippe May      | 19/05/2020 02:53 |
| 10123 | Gisaf   | Bug           | Resolved | Normal   | Basket Upload: store not saved   | Philippe May      | 19/05/2020 17:36 |
| 10125 | Gisaf   | Bug           | Resolved | Normal   | Feature with Status other than existing, not showing in the map (example: future building outline) | Philippe May      | 20/05/2020 04:05 |
| 10149 | Gisaf   | Bug           | Resolved | Normal   | Import basket: fix authorization auto import   | Philippe May      | 09/06/2020 23:09 |
| 10151 | GIS     | Feature       | Resolved | Normal   | PG ADMIN installation on server  | Philippe May      | 01/08/2022 21:41 |
| 10152 | Gisaf   | Feature       | Resolved | Normal   | wells list in Measures Tab with only wells having measures   | Philippe May      | 10/06/2020 15:05 |
| 10153 | GIS     | Support       | Resolved | Normal   | Postgis access for Selvarani in QGIS   | Philippe May      | 23/05/2020 12:05 |

| #     | Project | Tracker | Status   | Priority | Subject   | Assignee     | Updated          |
|-------|---------|---------|----------|----------|---|--------------|------------------|
| 10180 | Gisaf   | Bug     | Resolved | Normal   | Error importing Johan's shapefile   | Philippe May | 27/05/2020 15:34 |
| 10182 | Gisaf   | Feature | Resolved | Normal   | Function to change status of surveyed features  | Philippe May | 15/07/2020 15:10 |
| 10213 | Gisaf   | Bug     | Resolved | Normal   | Point showing in the reconciliation pop-up but error while reconciling                                    | Philippe May | 26/06/2020 14:37 |
| 10224 | Gisaf   | Support | Resolved | Normal   | Update gs.basemaps in Jupyter notebooks   | Philippe May | 14/06/2021 16:15 |
| 10289 | Gisaf   | Bug     | Resolved | Normal   | New basket: cannot import raingauge Excel sheet   | Philippe May | 11/06/2020 12:17 |
| 10306 | Gisaf   | Bug     | Resolved | Normal   | Logout not working  | Philippe May | 11/06/2020 12:13 |
| 10323 | GIS     | Bug     | Resolved | Normal   | Survey points from Eric Chacra: misc issues   | Philippe May | 03/08/2020 13:11 |
| 10331 | Gisaf   | Feature | Resolved | Normal   | Reconciliation: sort layer by alphabetical order  | Philippe May | 12/06/2020 17:45 |
| 10337 | Gisaf   | Bug     | Resolved | Normal   | Custom layers with a "status" column not displayed on the map   | Philippe May | 13/06/2020 17:36 |
| 10360 | Gisaf   | Bug     | Resolved | Normal   | Cannot import survey: accuracy issue  | Philippe May | 17/06/2020 01:29 |
| 10400 | Gisaf   | Bug     | Resolved | Normal   | Map search: works only once   | Philippe May | 24/06/2020 12:05 |
| 10407 | Gisaf   | Bug     | Resolved | Normal   | Live layer DXF export: missing reprojection   | Philippe May | 23/06/2020 04:24 |
| 10439 | Gisaf   | Bug     | Resolved | Normal   | Reconciliation: use categories instead of layers  | Philippe May | 27/06/2020 05:21 |
| 10536 | Gisaf   | Feature | Resolved | Normal   | Migrate PlottableModel.Actions.download_csv_value to plugins  | Philippe May | 15/07/2020 15:07 |
| 10539 | Gisaf   | Bug     | Resolved | Normal   | New basket admin: the metadata (surveyor, etc) aren't populated from raw points when importing shapefiles | Philippe May | 15/07/2020 15:02 |
| 10569 | Gisaf   | Feature | Resolved | Normal   | Well Masterfile/Repository  | Philippe May | 19/12/2020 17:10 |
| 10675 | Gisaf   | Feature | Resolved | Normal   | Add attribution on map  | Philippe May | 04/07/2021 13:58 |
| 10693 | GIS     | Support | Resolved | Normal   | Wrong geometry type for category R54  | Philippe May | 30/07/2020 12:00 |
| 10728 | Gisaf   | Bug     | Resolved | Normal   | Cannot download CSV for values  | Philippe May | 03/08/2020 15:49 |
| 10732 | Gisaf   | Bug     | Resolved | Normal   | Wind Speed unit   | Philippe May | 04/08/2020 16:52 |
| 10740 | Gisaf   | Bug     | Resolved | Normal   | Change status: issue with projection system   | Philippe May | 17/09/2020 14:34 |
| 10741 | Gisaf   | Feature | Resolved | Normal   | Add a way for changing status of a feature, given its original id   | Philippe May | 16/09/2020 17:35 |
| 10819 | Gisaf   | Bug     | Resolved | Normal   | Evergreen well : popup showing "null" instead of location, status, type                                   | Philippe May | 23/08/2020 23:44 |
| 10829 | Gisaf   | Bug     | Resolved | Normal   | Missing symbols   | Philippe May | 24/08/2020 12:34 |
| 10830 | Gisaf   | Bug     | Resolved | Normal   | Import issue with raw survey points   | Philippe May | 30/08/2020 14:45 |
| 10920 | Gisaf   | Feature | Resolved | Normal   | Add option to display labels on the map   | Philippe May | 07/09/2020 11:54 |
| 10948 | Gisaf   | Feature | Resolved | Normal   | Add WMS3 server capabilities (with pygeoapi)  | Philippe May | 14/09/2020 16:59 |
| 10979 | Gisaf   | Bug     | Resolved | Normal   | Line work import: no geometries?  | Selvarani C  | 17/09/2020 01:08 |
| 11260 | Gisaf   | Support | Resolved | Normal   | Reconciliation is not happening   |              | 03/11/2020 11:32 |
| 11262 | Gisaf   | Support | Resolved | Normal   | importing Error   |              | 04/11/2020 14:49 |
| 11449 | Gisaf   | Feature | Resolved | Normal   | Strip extra characters when importing survey CSV files  | Philippe May | 10/12/2020 01:06 |
| 11457 | Gisaf   | Support | Resolved | Normal   | Building Shed and Retaining Walls are not showing in a map  | Philippe May | 14/12/2020 19:52 |



| #     | Project                          | Tracker | Status   | Priority  | Subject   | Assignee            | Updated          |
|-------|----------------------------------|---------|----------|-----------|---|---------------------|------------------|
| 11577 | Gisaf                            | Feature | Resolved | Normal    | Dashboard: multiple sections per page                   | Philippe May        | 27/01/2021 12:37 |
| 11649 | Gisaf                            | Feature | Resolved | Normal    | Wells timeline dashboard misc. improvements             | Philippe May        | 27/01/2021 15:47 |
| 11691 | Gisaf                            | Support | Resolved | Normal    | Error on when importing geopackage                      | Selvarani C         | 18/03/2021 11:28 |
| 11762 | Gisaf                            | Feature | Resolved | Normal    | Switch from Mapbox to Maplibre                          | Philippe May        | 20/11/2021 15:21 |
| 11886 | Gisaf                            | Support | Resolved | Normal    | Pandas resample deprecation warning                     | Philippe May        | 16/03/2021 12:49 |
| 11907 | Gisaf                            | Feature | Resolved | Normal    | Allow specific project list for custom models           | Philippe May        | 19/03/2021 16:13 |
| 11933 | Gisaf                            | Support | Resolved | Normal    | Importing Error   |                     | 30/03/2021 14:55 |
| 12049 | GIS                              | Bug     | Resolved | Immediate | Gisaf Error   | Philippe May        | 22/04/2021 10:39 |
| 12075 | GIS                              | Feature | Resolved | High      | CSR Weather Station not showing since 22 of april 2021  | Philippe May        | 29/04/2021 15:34 |
| 12288 | Geomatic studio models for Gisaf | Task    | Resolved | Normal    | Wells water levels referenced to the mean sea level     | Giulio Di Anastasio | 08/06/2021 10:25 |
| 12491 | Gisaf                            | Feature | Resolved | Normal    | Measure distances on the map                            | Philippe May        | 11/07/2021 11:51 |
| 12688 | Gisaf                            | Support | Resolved | Normal    | Layers are not visible                                  | Philippe May        | 10/08/2021 10:03 |
| 12701 | GIS                              | Bug     | Resolved | Normal    | Weather Station not showing data since 24 July 2021     | Philippe May        | 12/08/2021 12:21 |
| 12895 | GIS                              | Support | Resolved | Normal    | Migrate backups to Bung                                 | Philippe May        | 12/11/2021 00:36 |
| 13068 | GIS                              | Support | Resolved | Normal    | Migrate gisaf VM to bullseye                            | Philippe May        | 25/10/2021 17:28 |
| 13090 | Gisaf                            | Support | Resolved | Normal    | Importing error in new admin                            | Philippe May        | 28/10/2021 11:00 |
| 13125 | Gisaf                            | Bug     | Resolved | Normal    | Live layers: error with no detail shown                 | Philippe May        | 01/11/2021 19:06 |
| 13132 | GIS                              | Bug     | Resolved | Normal    | CSR Weather station missing data 28 nd 29 October 2021  | Philippe May        | 06/11/2021 12:20 |
| 13202 | Gisaf                            | Support | Resolved | Normal    | Gisaf is showing error                                  | Philippe May        | 12/11/2021 12:59 |
| 13235 | GIS                              | Support | Resolved | Normal    | Server hardware failure (sdc hard drive)                | Philippe May        | 19/11/2021 17:59 |
| 13258 | Gisaf                            | Bug     | Resolved | Normal    | Missing data from AmbientWeather weather stations       | Philippe May        | 21/11/2021 16:50 |
| 13447 | GIS                              | Support | Resolved | Urgent    | Server down due to electrical power cut                 | Philippe May        | 31/12/2021 17:14 |
| 13642 | Gisaf                            | Support | Resolved | Urgent    | Electrical problems: Server down                        | Philippe May        | 15/02/2022 09:38 |
| 13681 | Gisaf                            | Support | Resolved | Normal    | Gisaf isn't Connecting                                  | Philippe May        | 19/02/2022 11:01 |
| 13763 | GIS                              | Support | Resolved | Normal    | Gisaf not responding                                    | Philippe May        | 11/03/2022 13:03 |
| 13805 | Gisaf                            | Bug     | Resolved | Normal    | Need to learn how to use tags on survey features        | Giulio Di Anastasio | 23/03/2022 23:03 |
| 13883 | GIS                              | Support | Resolved | Urgent    | Gisaf not responding - Possible issue with tag editing? | Philippe May        | 07/04/2022 19:34 |
| 13885 | GIS                              | Bug     | Resolved | Normal    | Wrong name showing in the list of layers in the map     | Philippe May        | 23/04/2022 04:04 |
| 13952 | Gisaf                            | Support | Resolved | Normal    | Gisaf isn't Connecting                                  | Philippe May        | 25/04/2022 11:27 |
| 13968 | Geomatic studio models for Gisaf | Feature | Resolved | Normal    | Create layers and all for the LB records                | Philippe May        | 28/04/2022 17:18 |
| 13982 | GIS                              | Support | Resolved | Normal    | Update server's storage                                 | Philippe May        | 06/05/2022 14:38 |
| 14072 | GIS                              | Support | Resolved | Urgent    | Gisaf very slow   | Philippe May        | 19/05/2022 02:29 |

| #     | Project                          | Tracker | Status   | Priority | Subject  | Assignee                | Updated          |
|-------|----------------------------------|---------|----------|----------|--|-------------------------|------------------|
| 14090 | GIS                              | Feature | Resolved | Normal   | Move to SDDs after failure of one HDD in the RAID array of the domUs             | Philippe May            | 27/05/2022 16:28 |
| 14111 | Tree Trail                       | Support | Resolved | Normal   | Create a VM on CSR server  | Philippe May            | 10/06/2022 09:39 |
| 14350 | GIS                              | Feature | Resolved | Normal   | PgAdmin from remote  | Philippe May            | 01/08/2022 21:41 |
| 14362 | GIS                              | Support | Resolved | Normal   | Gisaf/server unreachable   | Philippe May            | 03/08/2022 12:41 |
| 14715 | Gisaf                            | Support | Resolved | Normal   | ID field is not Showing in Wells Download Geopackage                             | Selvarani C             | 12/03/2023 16:00 |
| 14741 | Gisaf                            | Feature | Resolved | Normal   | Long Name to be changed :  | Philippe May            | 12/03/2023 16:07 |
| 14894 | Gisaf                            | Bug     | Resolved | Normal   | Well levels Timeline graphs: weekly rainfall data for 2020 not correct           | Philippe May            | 08/04/2023 08:45 |
| 14897 | Gisaf                            | Support | Resolved | Urgent   | Many categories are missing from gisaf   | Selvarani C             | 24/03/2023 01:09 |
| 14923 | Gisaf                            | Support | Resolved | Normal   | Download Pop-up window of categories not showing                                 | Philippe May            | 08/04/2023 07:49 |
| 14928 | GIS                              | Support | Resolved | High     | Server is not restarting   | Philippe May            | 05/04/2023 12:18 |
| 15004 | Geomatic studio models for Gisaf | Bug     | Resolved | Normal   | Daily Rainfall Reading from CSR Weather Station: some wrong entries in 2020      | Philippe May            | 26/04/2023 12:47 |
| 15080 | Gisaf                            | Support | Resolved | High     | Some Features & symbols is not showing in Gisaf                                  | Selvarani C             | 06/07/2023 17:14 |
| 15081 | Geomatic studio models for Gisaf | Bug     | Resolved | High     | Weather Station points not visible   | Selvarani C             | 03/07/2023 15:25 |
| 15159 | Gisaf                            | Support | Resolved | Normal   | New Admin is not Working   | Philippe May            | 28/08/2023 17:50 |
| 15162 | Gisaf                            | Support | Resolved | High     | Downloading Error  | Philippe May            | 01/09/2023 10:41 |
| 15204 | Gisaf                            | Bug     | Resolved | Normal   | Bad request message while entering newwell level data                            | Philippe May            | 01/10/2023 16:52 |
| 15215 | GIS                              | Support | Resolved | High     | CSR Weather Station  | Philippe May            | 05/12/2023 13:10 |
| 15223 | Gisaf                            | Bug     | Resolved | Normal   | Gisaf polygon symbols not updated yet in Building and Vegetation categories      | Giulio Di Anastasio     | 13/10/2023 11:29 |
| 15265 | GIS                              | Support | Resolved | Normal   | Setup weather station in CSR   | Philippe May            | 30/11/2023 15:55 |
| 15275 | Gisaf                            | Support | Resolved | High     | Gisaf is not Connected   | Selvarani C             | 27/11/2023 12:48 |
| 15276 | GIS                              | Support | Resolved | Normal   | Setup ecowitt2mqtt for weather station to mqtt                                   | Philippe May            | 28/11/2023 12:56 |
| 15315 | Gisaf                            | Support | Resolved | Normal   | Gisaf is not Connected   | Philippe May            | 03/01/2024 11:14 |
| 15345 | GIS                              | Support | Resolved | Normal   | Add permissions to the database to Selvarani                                     | Selvarani C             | 06/02/2024 16:38 |
| 15418 | Gisaf                            | Support | Resolved | Urgent   | Gisaf not connecting   | Philippe May            | 08/04/2024 08:40 |
| 7763  | GIS                              | Feature | Feedback | Normal   | Infrastructure: migrate old-admin to the same server than gisaf                  | Philippe May            | 25/02/2019 11:11 |
| 7957  | GIS                              | Bug     | Feedback | High     | Export polygon shapefiles do not show "holes"                                    | Philippe May            | 04/04/2019 16:14 |
| 8380  | GIS                              | Task    | Feedback | Normal   | Understanding Terrain Datasets for vector modelling of DTM using ArcGIS concepts | Debojyoti Mallick       | 07/06/2019 10:20 |
| 8384  | GIS                              | Task    | Feedback | Normal   | Applying Topology Rules to Basins using QGIS 3.6.*                               | Debojyoti Mallick       | 12/06/2019 16:43 |
| 9468  | Gisaf                            | Bug     | Feedback | Normal   | "Find my Location" button on map returns strange result !!                       | Richard Presley         | 20/12/2019 19:36 |
| 13822 | GIS                              | Support | Feedback | Normal   | Need a Login id and password to a Gisaf for entering the tag value.              | Pushparaj Muthukrishnan | 27/03/2022 16:47 |