

A. General Information

1. Identify the GP & villages
2. Download Census data (<https://censusindia.gov.in/2011census/dchb/DCHB.html>)
3. Get Lat-Long from [Google Earth Pro](#)
4. Get Basin Info from [Bhuvan](#)
5. Get GP, Village, Block, Area information from [Census](#)
6. Download [contingency plan for respective district](#) – Get Agro climatic data
7. [WRIS](#) website <https://indiawris.gov.in/wris/#/rainfall> – annual rainfall, GWL
8. Status of groundwater from [CGWB website](#) <http://cgwb.gov.in/gwresource.html>

B. Socio economic

1. Population & household information – collected from [census](#)
2. Information pertaining to MGNREGA can be collected from [MGNREGA](#) portal – At a glance
https://nrega.nic.in/Nregahome/MGNREGA_new/Nrega_home.aspx

C. Climatic Profile

1. Temperature data (Could not find on WRIS)
2. Rainfall ([Contingency plan of the district](#))
3. Evapo transpiration & Soil moisture – [WRIS](#) website (district wise)

D. Land Resources

1. Land use data – collected from [contingency plan of the district](#)
2. Land use micro-watershed data
3. Soil resources data – collected from [soil health card](#) portal
<https://soilhealth.dac.gov.in/NewHomePage/NutriPage>
4. Soil profile information - collected from soil map in [contingency plan of the district](#) further to be georeferenced & digitized to get the area with different classification units.
5. Forest Resources information

D. Water Resources

1. Amount of Runoff
2. Existing water harvesting structures (creating/ using existing KML file in [Google earth pro](#))
3. Description of natural drainage lines – 1st order, 2nd order .. Stream/drainage lines length.
(Data can be collected from KML files/ digitizing using [bhuvan drainage map in Google Earth Pro](#))
4. Canal network ([Census](#))
5. Availability of drinking water
 - handpump/tanks/borewell /etc., data from [census](#)
 - tap water data can be collected from [ejalshakti ejalshakti.gov.in](#)
<https://ejalshakti.gov.in/jimreport/JJMIIndia.aspx>
6. Status of irrigation facilities ([Census](#))
7. Water quality profile – [ejalshakti.gov.in](#)
https://ejalshakti.gov.in/IMISReports/Reports/WaterQuality/WQ/rpt_WQ_DistrictProfile_S.aspx?Rep=0&RP=Y%20{District%20Quality%20Profile

E. Agriculture & Livestock data

1. Crop data – [cropsurvey.karnataka.gov.in](#)
<http://www.cropsurvey.karnataka.gov.in/CropSurveyDetails/frmViewCropSurveyReport.aspx>

(Steps:

1. village wise data to be consolidated into single excel
2. crops to be divided into irrigated & rainfed (2 sheets)
3. Crop wise area to be calculated (aggregate of all villages to be inserted in the template)

*formula to calculated the area in ha $[(L176/2.5)+((M176/40))/2.5+((N176/1.89)/40)/2.5]$

2. Livestock data – [farmer.gov.in](#)

(collect the no. of animals & birds data - village wise & then consolidate to GP wise)

<https://farmer.gov.in/livestockcensus.aspx?>

