Steps that were developed in the project:

- **Generation of a shapefile “GPS Points” in the ArcGIS software, aimed at defining the location of points to be tracked.**
  - Thus, for each region, three points were determined so the field to be tracked could be easily accessible. To facilitate the location in the field, they were transferred to a GPS navigation device through the software TrackMaker.

- **Through a process called “buffer” we could set the distance and time tracking for each tracked point, in relation to our base station, located and installed in the Colinas Hotel in the city of Luiz Alves.**

- **Also, we designed a notebook with detailed location maps of each point being tracked. This was used as a tool which contained the description of the field.**

The article aims to demonstrate the use of a GNSS geodetic receiver for orthorectification of a stereo pair of IKONOS II satellite images. The tracking of the points was done with a Leica Geodetic GNSS receiver. This equipment is dual frequency (L1/L2). The measurement was made on the carrier phase, differential or relative positioning. The survey method used was static.
The next step was the post-processing of the points in the laboratory. For this purpose it was used the LGO software (Leica Geo Office Combined). The outcome of this process was the generation of data in a coordinate system in UTM projection, horizontal datum SIRGAS2000. These coordinates were transferred to a Microsoft Excel spreadsheet, which was converted into a shapefile used as control points in the software ERDAS/ LPS, with the purpose of orthorectification of a stereoscopic pair of IKONOS II images.

Thank you.....

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