Development of Decision Support Tools for Barriers to Health Care in Ifanadiana District

- In the context of community health / Accessibility to health care

- **Problem**: Low access to health care in rural areas

- **Objective:** Estimate the real distance between each village in the district, its community site and the nearest health center (CSB)
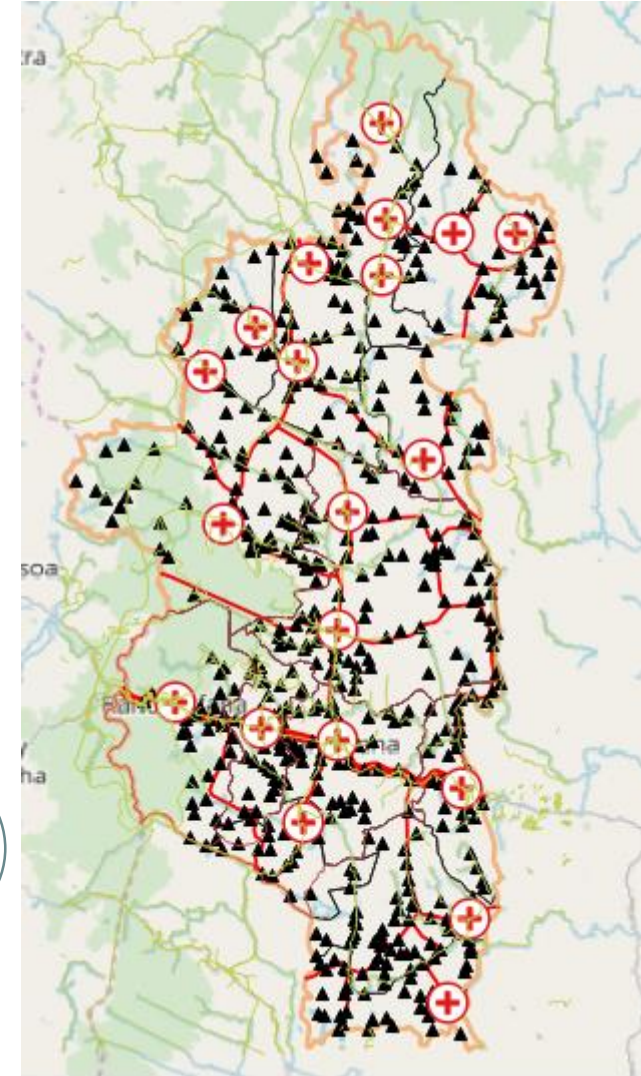
- **Methodology**

- **Results**:

Collect Data locality, road, path, geographical coordinates ... (OpenstreetMap, QGIS, GPS)

→ Data processing →

Data analysis and Map display of course distance (R, osrm package)

→

Map that represents the optimal path Nearest health center

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