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Disaster and risk monitoring projects

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*Palestra aconteceu por ocasião da
visita do Prof. Ali Nejat da Texas
Tech University, 12/03/2024*

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PROIBIDO REPRODUÇÃO



INSTITUTO DE
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DISASTER & RISK MONITORING PROJECTS

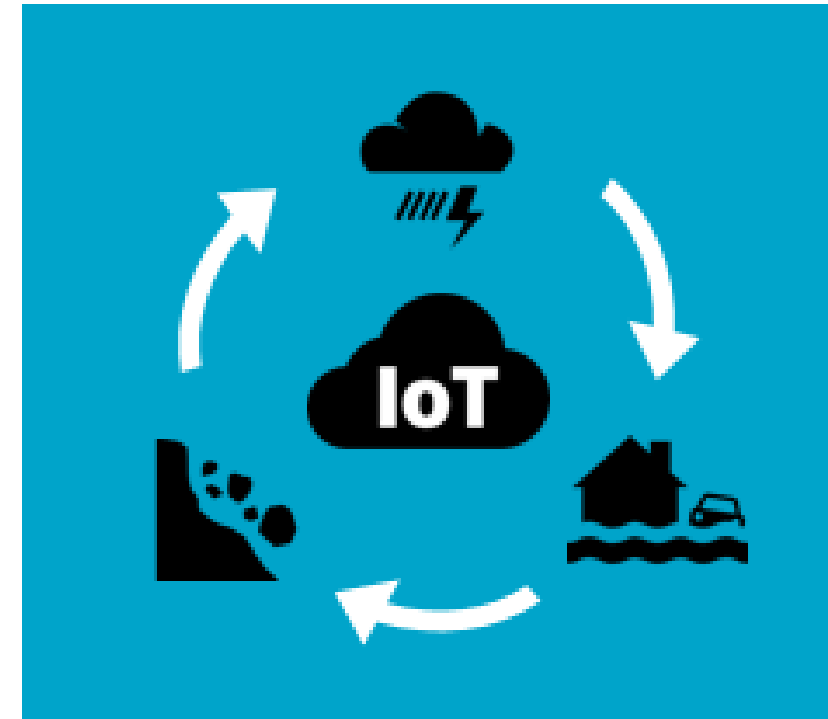
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RESEARCH, RISK AND ENVIRONMENTAL MANAGEMENT SECTION

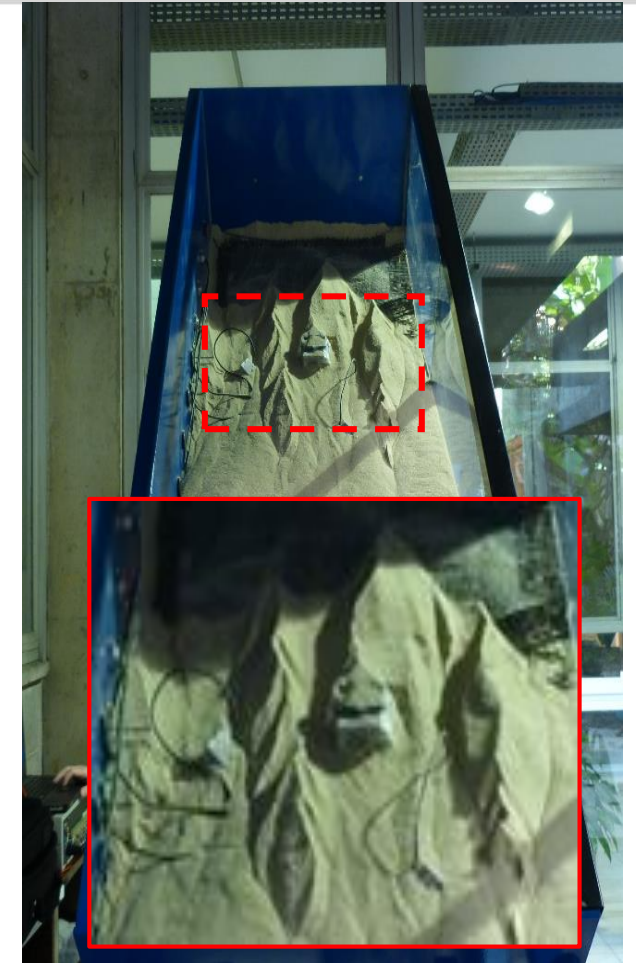


LOW COST SENSORS PROJECT

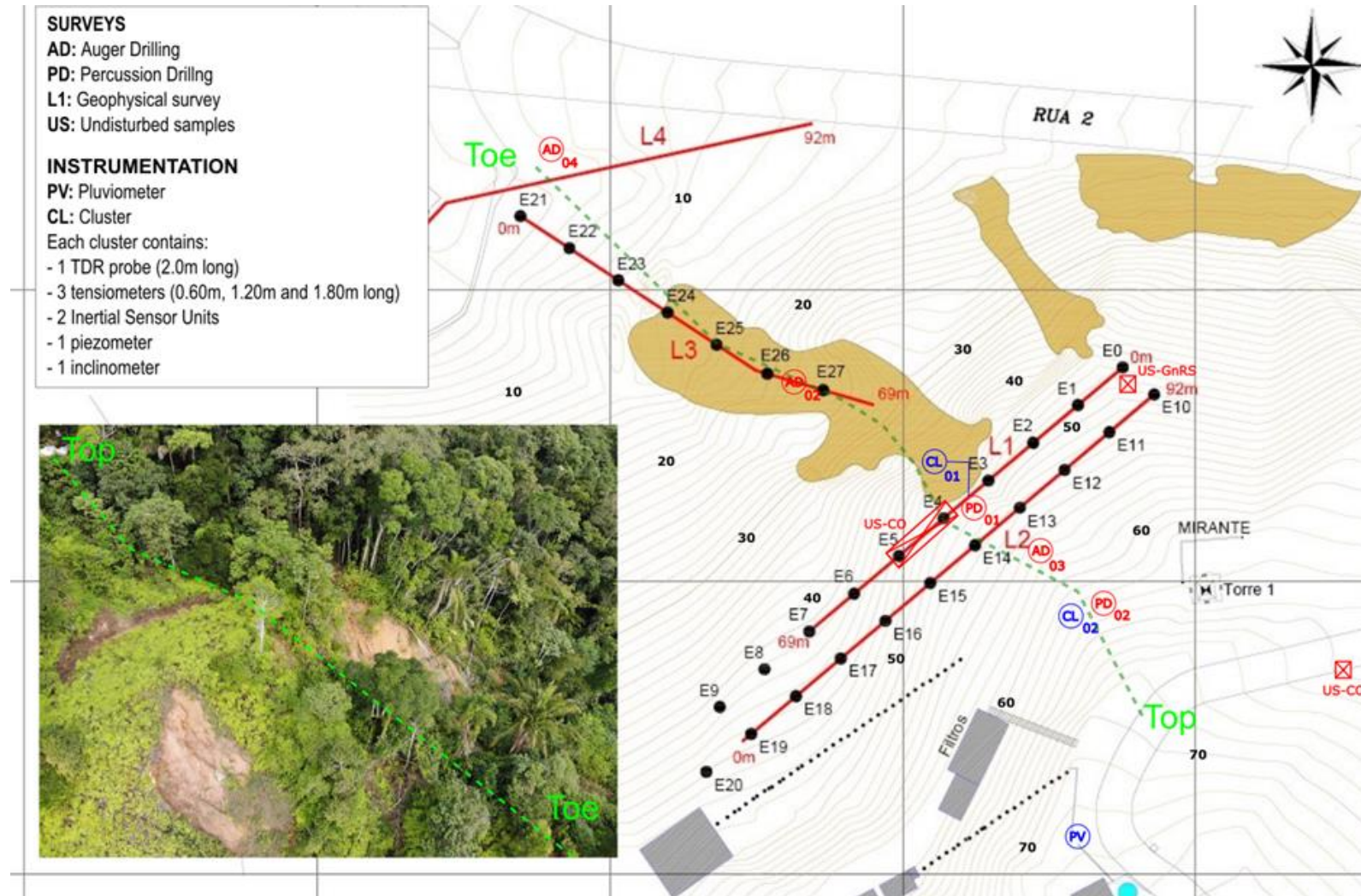
Funded by the Research Support Foundation of the State of São Paulo - FAPESP



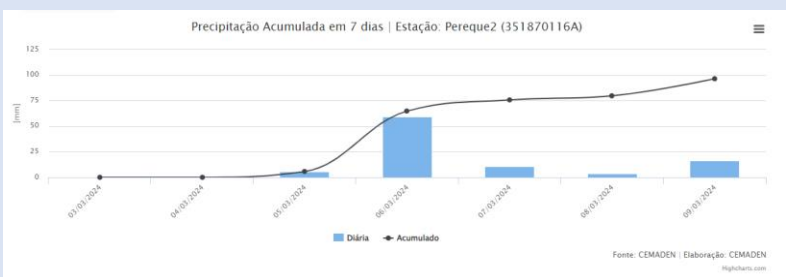
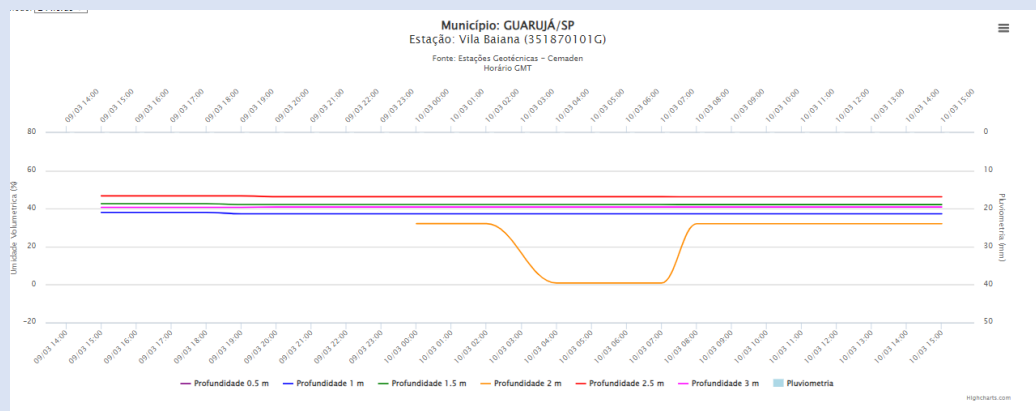
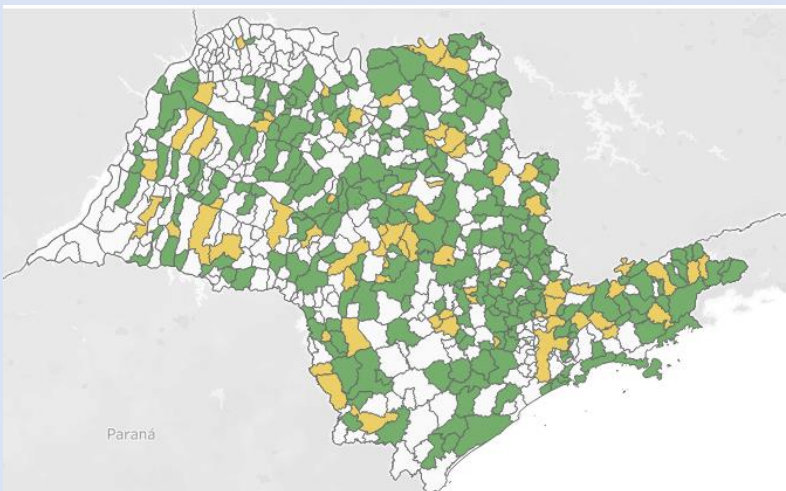
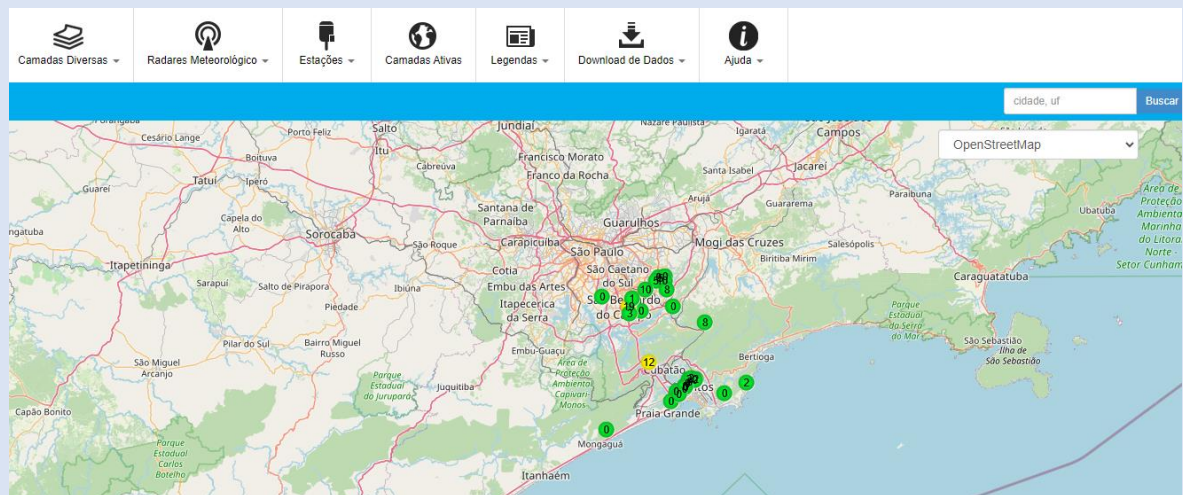
LOW COST SENSORS PROJECT



LOW COST SENSORS PROJECT

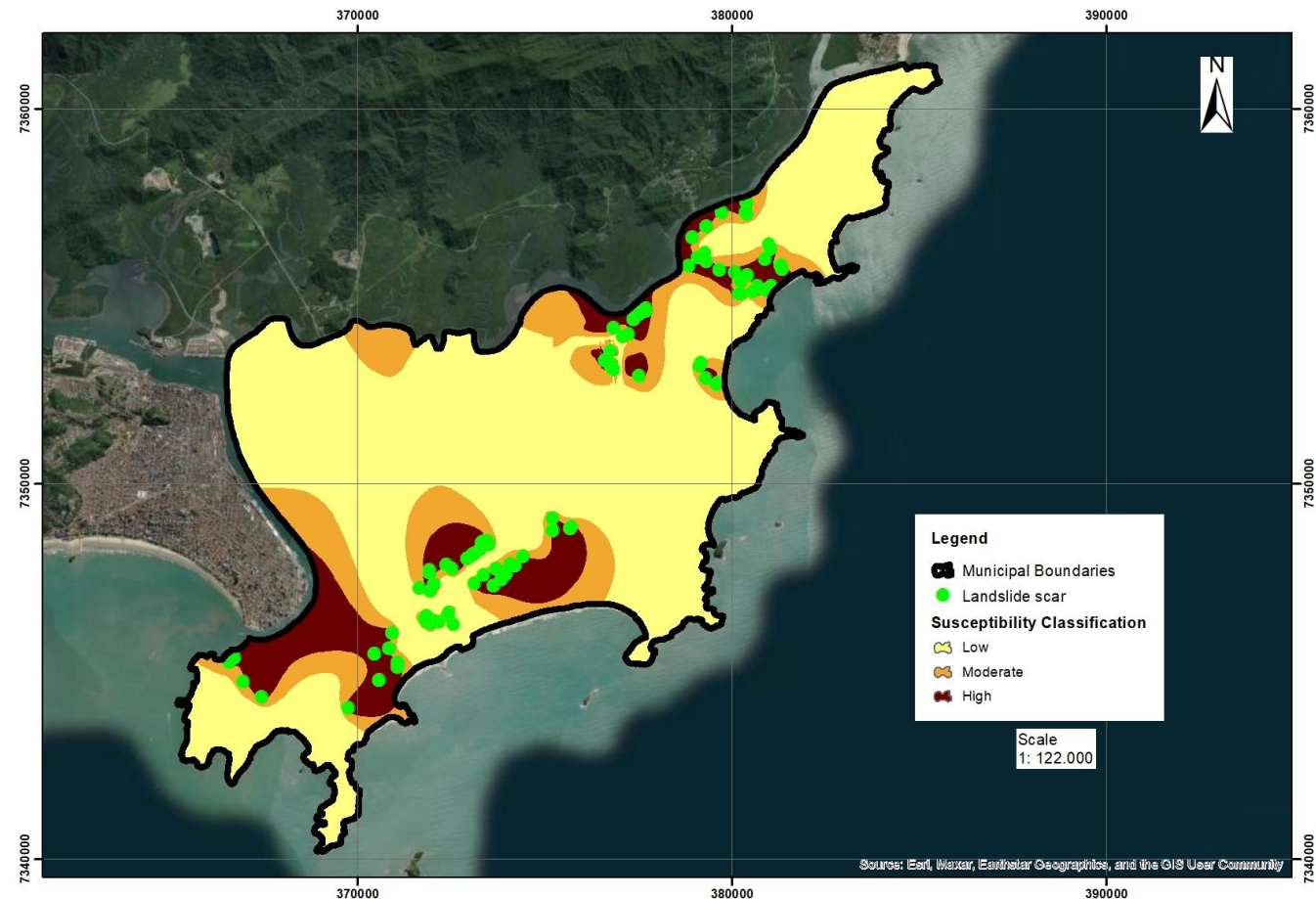


Landslide Risk Management Dashboard



ARTIFICIAL INTELLIGENCE

- Applied to landslide susceptibility maps
- Extreme event



RESEARCH LINES

- MANAGEMENT OF NATURAL AND TECHNOLOGICAL RISKS
- EMERGENCY WORKS
- SUPPORT FOR LAND REGULARIZATION AND URBAN PLANNING PROGRAMS
- WASTE, CIRCULAR ECONOMY AND REMEDIATION OF CONTAMINATED SOILS
- SOIL, WASTE, AND SEDIMENT CHARACTERIZATION
- ACCIDENT INVESTIGATION, AUDITS, OPERATIONAL RISK MANAGEMENT AND HSE

Thank you!

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