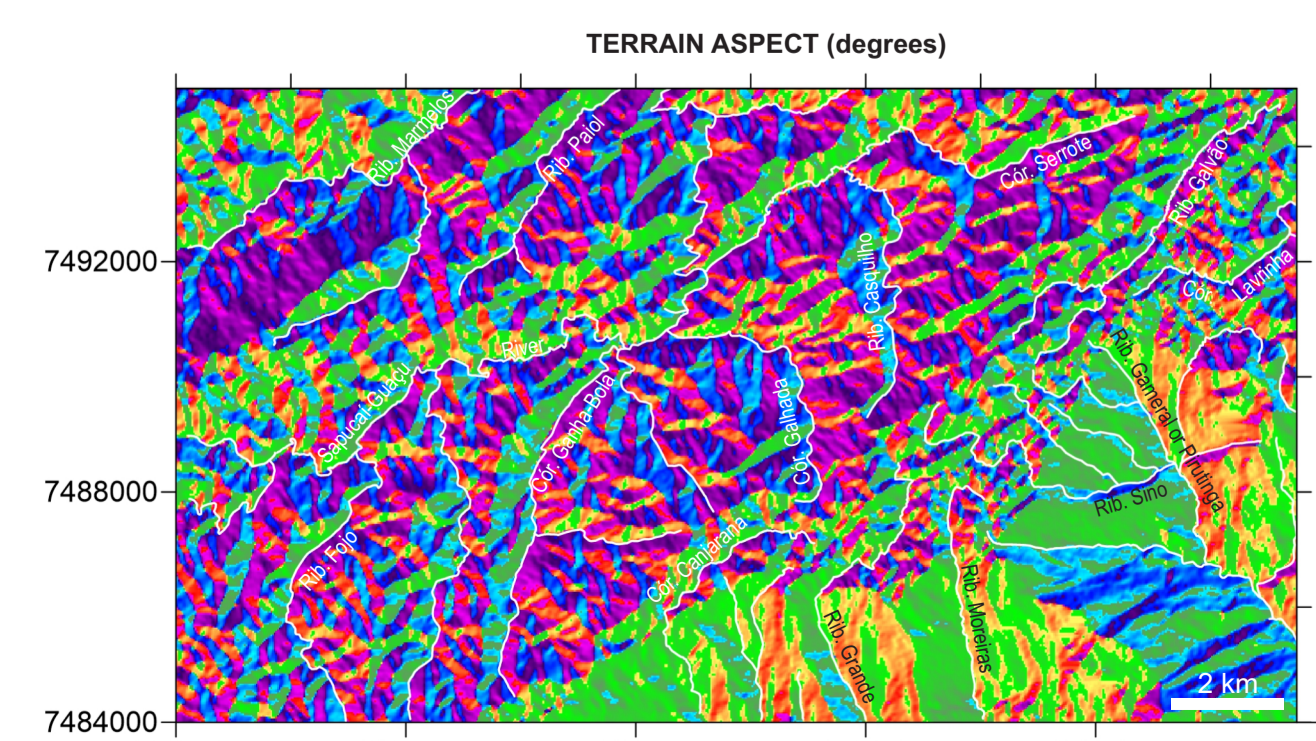
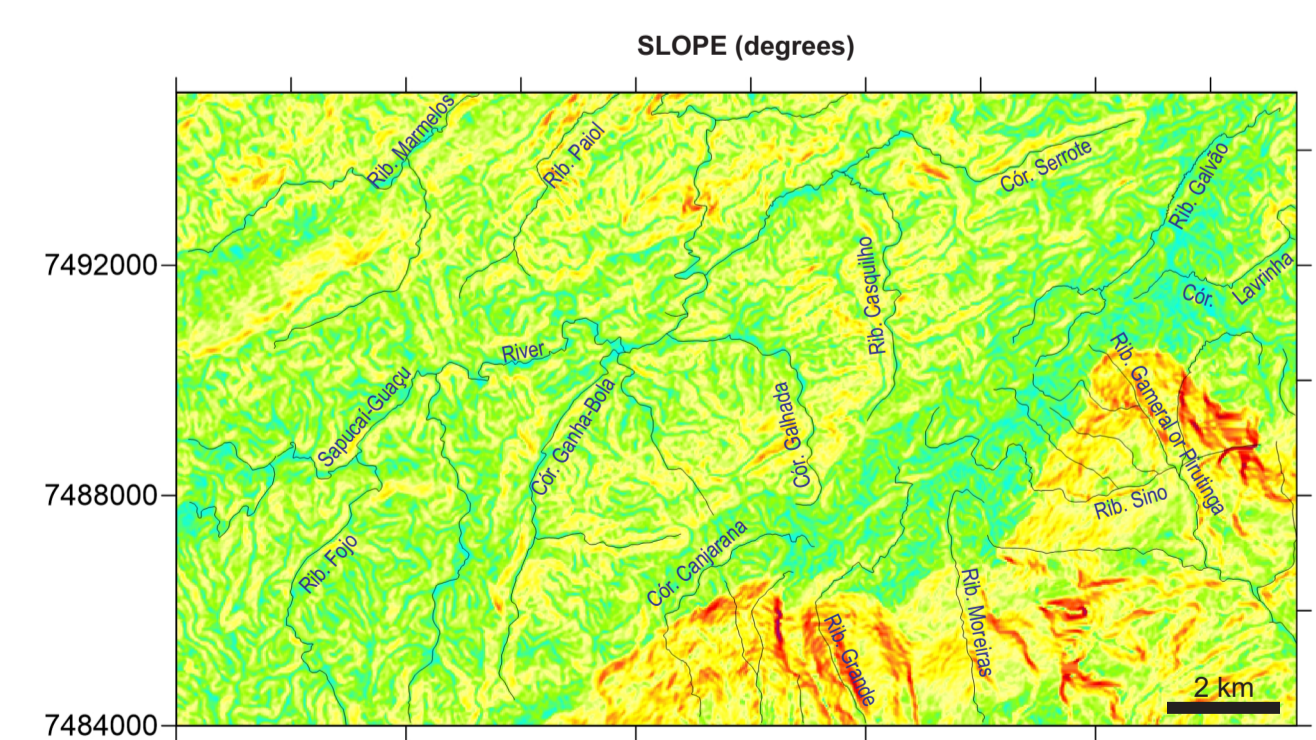
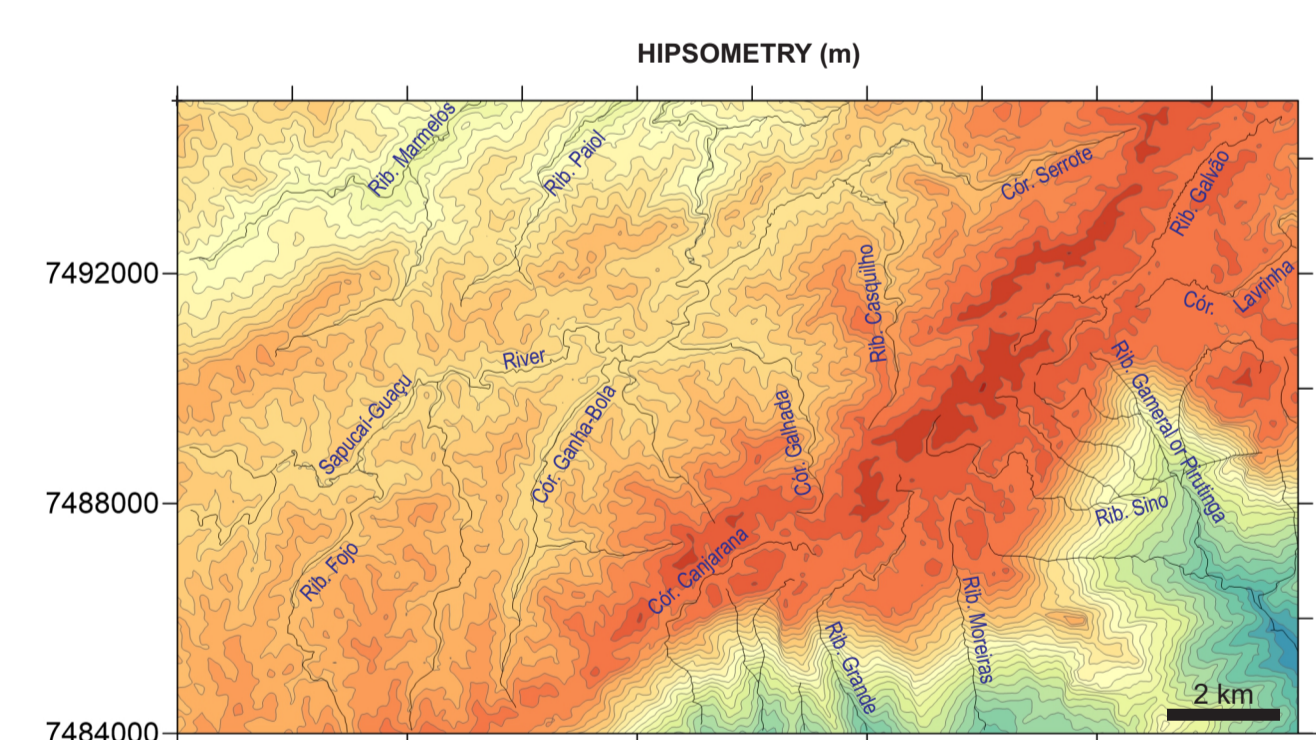
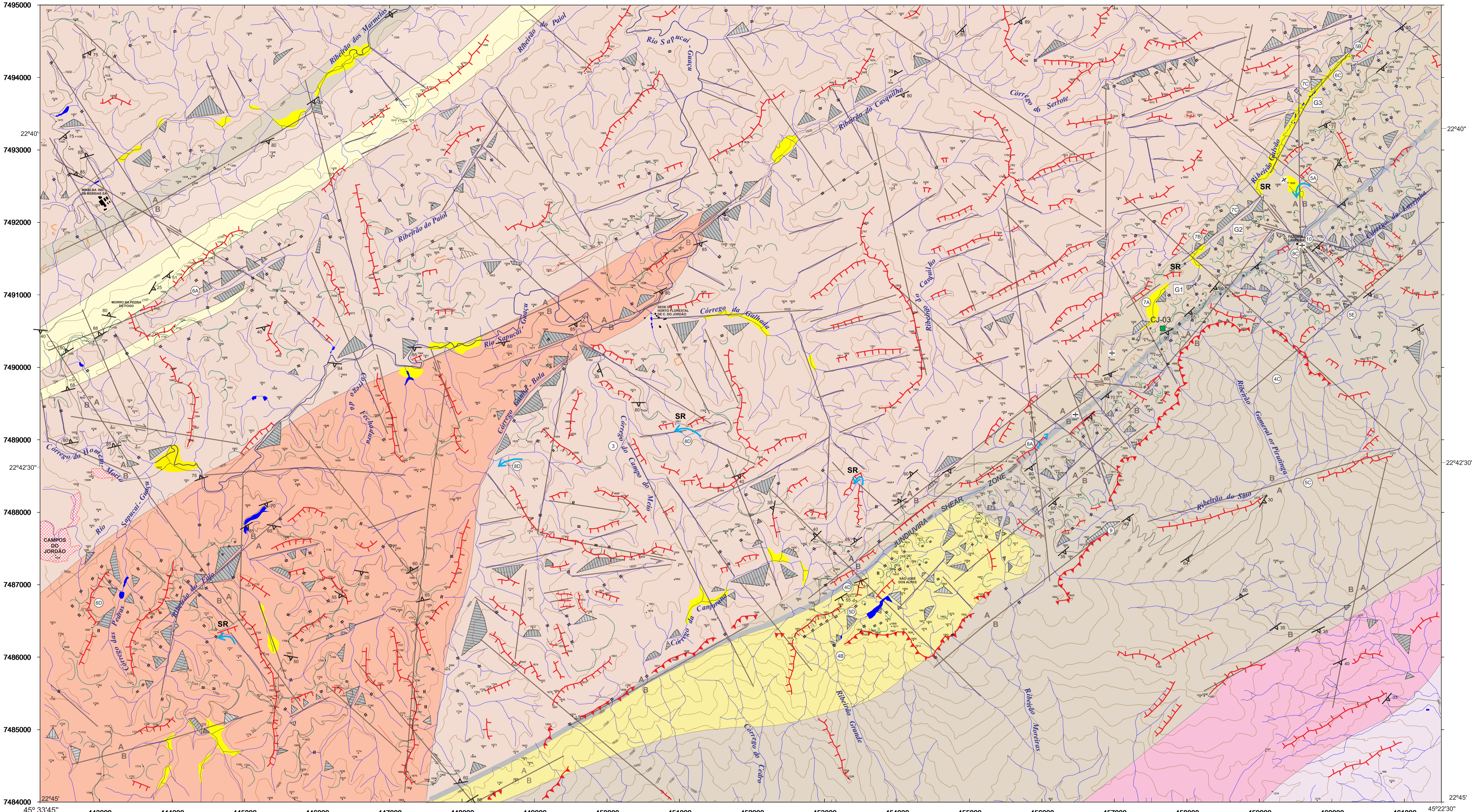
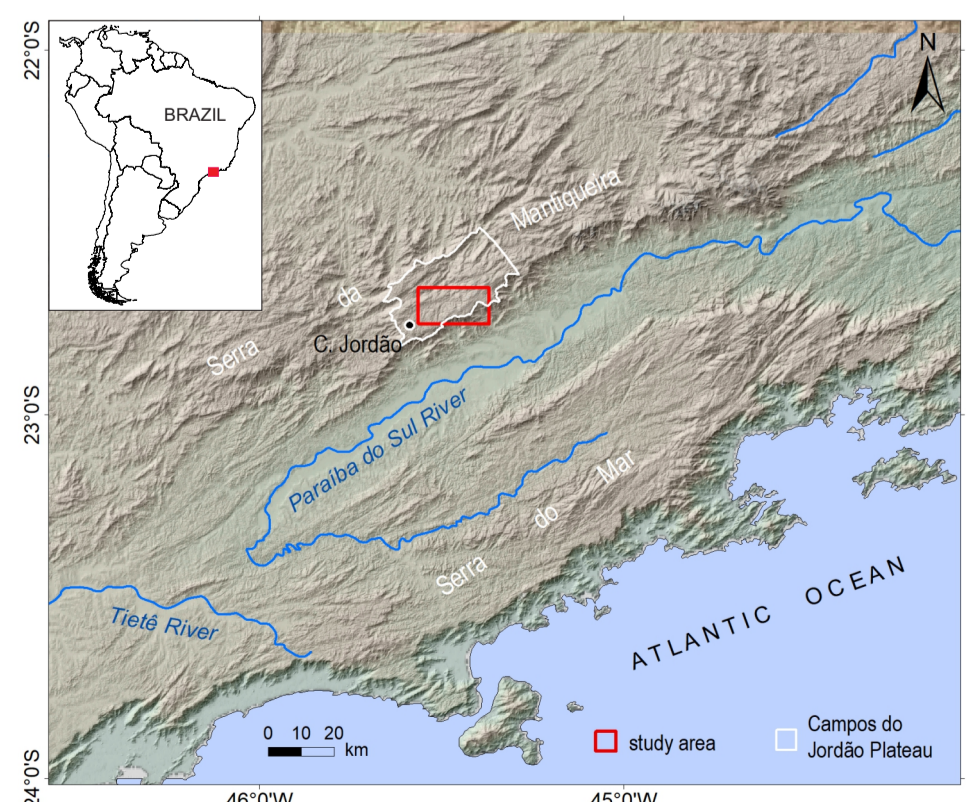
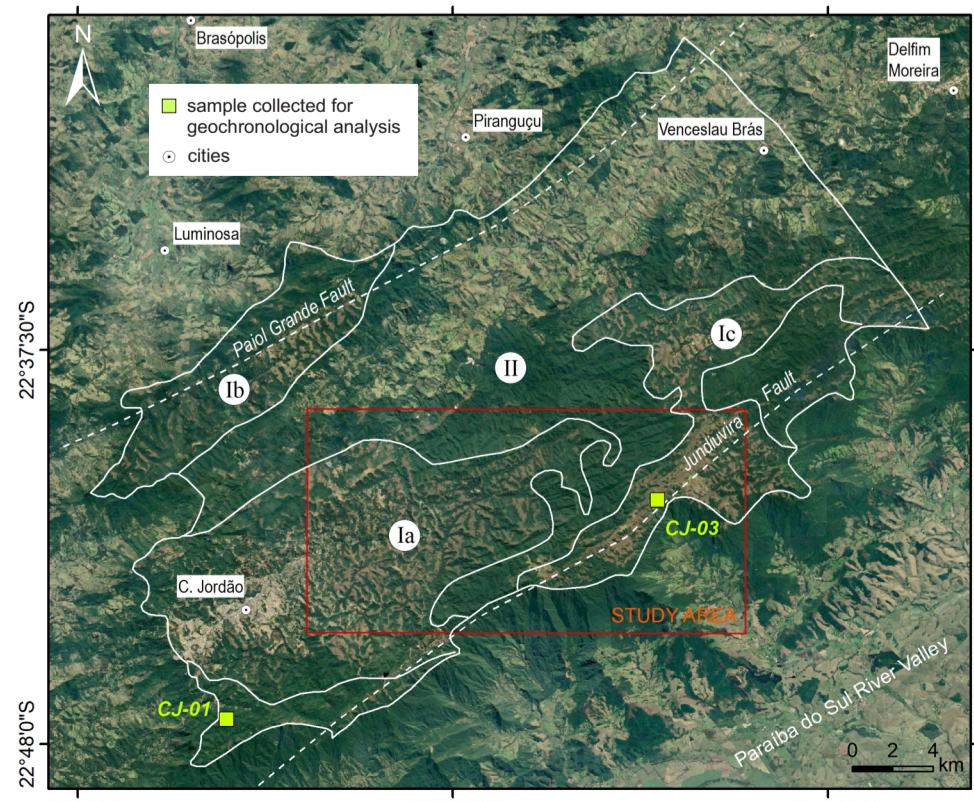
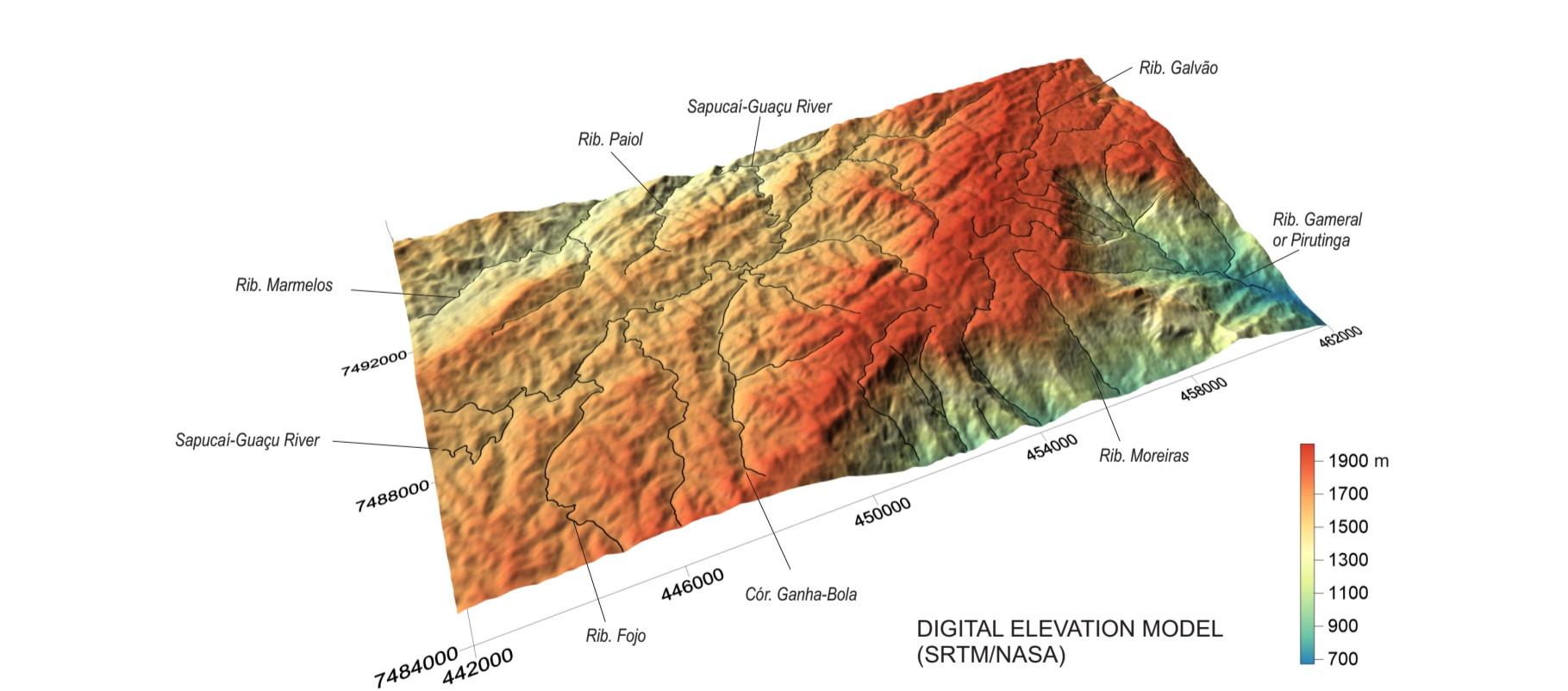


APPENDIX 1 - MORPHOTECTONIC MAP OF THE SOUTHEASTERN FRONT OF THE CAMPOS DO JORDÃO PLATEAU, SP



SCALE 1:25.000
 Equidistant of level curves: 100 meters
 Projection: UTM (Universal Transverse Mercator)
 Fuso: 23 Central Meridian: 45°
 Horizontal reference: Córrego Alegre, MG
 Vertical reference: Imbituba mareograph, SC
 Cartographic base compiled from topographical charts 1:10.000 (TERRAFOTO S.A. 1977/1978) - Plano Cartográfico do Estado de São Paulo



Campos do Jordão landscape systems (MODENESI 1988a): I - The altos campos landscape system (a: campo do Jordão, b: campos do serrano, c: campos de São Francisco), II - The serrano system. Google image.

CARTOGRAPHIC CONVENTIONS

- Contour lines
- Spot elevation
- Road
- Urban area
- Building
- River
- Stream
- Lake
- Dam

GEOMORPHOLOGICAL CONVENTIONS

- hanging amphitheater
- triangular facet
- trapezoidal facet
- main scarp of the Serra da Mantiqueira
- scarp
- crest
- knickpoint
- low drainage divide
- river capture
- ravine
- alluvial plain
- shutter ridge
- river capture
- ravine
- alluvial plain

GEOLOGICAL CONVENTIONS

- geological contact
- inferred geological contact
- metamorphic foliation
- bedding
- morphostructural lineament
- strike-slip fault
- normal fault (A = upthrow block, B = downthrow block)

LEGEND

- LITHOTYPES**
- Polymictic metaconglomerates, arcrosian metarenites and metasilites (Pico de Itapeva Formation).
 - Shear zone ultramylonites.
 - Predominance of mylonite gneisses, sometimes porphyroclastic (K-felds, centimetric and elongated), with blastomylonitic texture.
 - Predominance of biotite granites (3a and 3b), porphyritic (phenocrystals of K-felds, centimetric), leucocratic to mesocratic, foliated, locally mylonitic. Enclaves of feldspathized schists and banded biotite gneisses. Centimetric to decimetric dikes of alkaline and basic rocks.
 - Predominance of banded biotite gneisses, subordinately muscovite quartzites, metabasic rocks, quartz-biotite schists, dolomitic marbles and gneissified granitic cores.
 - Stromatic migmatites, banded biotite gneisses. Intercalations of hornblende gneisses, biotite schists and locally quartzites.
 - Predominance of biotite gneisses with porphyroblastic texture (K-felds, centimetric) and biotite schists.
 - Predominance of muscovite quartzites, locally mylonitic; subordinately banded biotite gneisses.

Geological map compiled from HASUI et al. (1977, 1978), CAVALCANTE et al. (1979) and MORAIS et al. (1996).

GEOCHRONOLOGICAL DATA

