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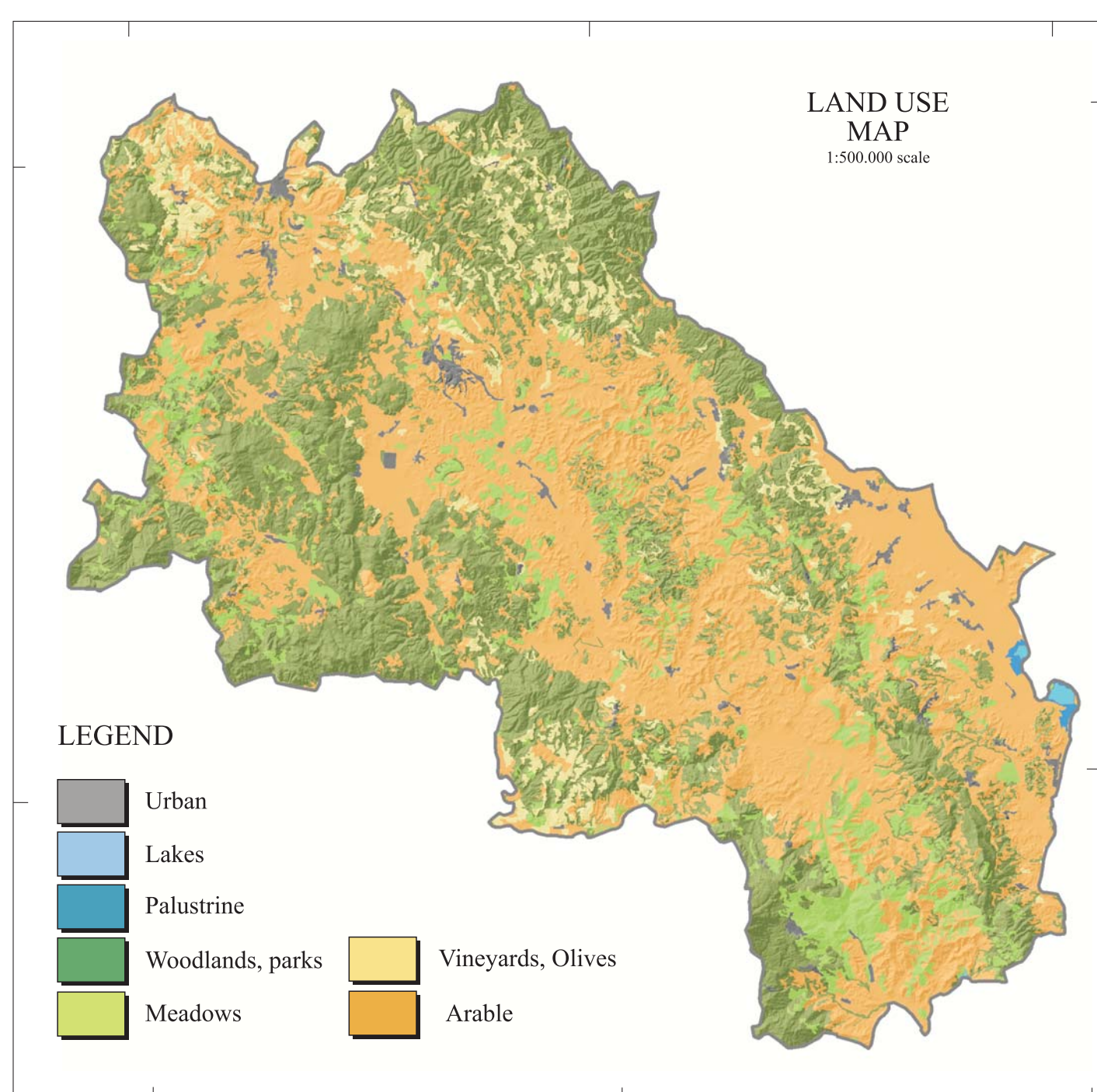
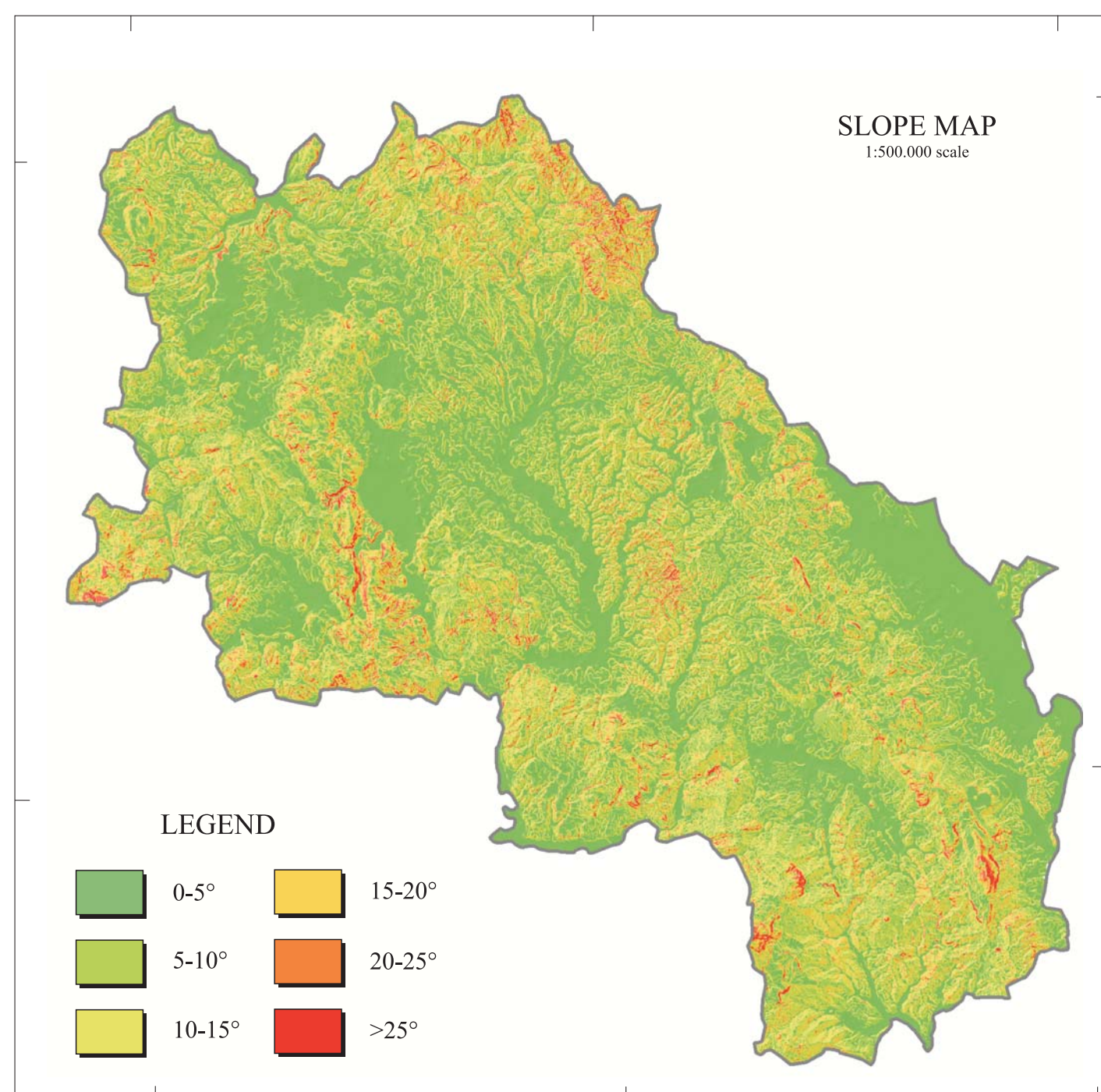
GEOMORPHOLOGICAL MAP AND LAND UNITS AT 1:200.000 SCALE OF THE SIENA PROVINCE (SOUTHERN TUSCANY, ITALY)

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"© Journal of Maps, 200x"

Field Survey and Mapping 2004-2006
Granted by Amministrazione Provinciale di Siena.
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LEGEND

LANDSCAPES OF THE MOUNTAIN RIDGES

MORch

Chianti Ridge type area
Landscapes on sandstones and marly limestones; steep and locally stepped slopes, forested, arable and permanent croplands, few remnants of summit planation surfaces; relatively dense drainage network, linear to dendritic with deep valleys and gorges.

MORer

Cetona-Rapolano Ridge type area
Landscapes on limestones and marly limestones; steep and short mostly forested slopes, planated summit surfaces; small catchments and low density drainage network, mainly with linear pattern; karst landforms, dolines, uvala and sinkholes mainly along the slopes of the Cetona Mt.

MORms

Montagnola Senese Ridge type area
Landscapes on mainly metamorphic rocks; steep forested slopes and planated summit surfaces, low drainage density with deep valleys and gorges cutting transversally the ridge; hypogenous karst features on marbles.

LANDSCAPES OF THE LIGURIAN COMPLEX

LIL

Steep to gentle mostly undulated slopes, mainly arable lands widely affected by landslides and Deep Seated Gravitational Movements, strong runoff soil erosion processes, local remnants of summit planation surfaces.

LANDSCAPES OF THE MIOCENE CONTINENTAL AND MARINE BASINS

MIBc

Casino Basin type area
Landscapes on gravelly, sandy and clayey sediments; mostly arable and permanent crops, steep and stepped slopes, frequent landslides and strong soil erosion processes.

MIBg

Grotti type area
Landscapes on calcareous breccias and conglomerates, steep mostly forested slopes and frequent doline and sinkholes.

LANDSCAPES OF THE PLIOCENE MARINE AND TRANSITIONAL BASINS

PLBs

Siena type area
Landscapes on sandy dominated rocks, mostly permanent crops and arable lands, wide almost flat structural and sub-structural summit surfaces and selective erosion stepped slopes affected by rotational slides and small earthflows.

PLBc

Valdorecchia type area
Landscapes on clay dominated rocks, gentle arable slopes severely affected by soil erosion processes and widespread earth- and mudflows; badlands and biancane recently disappearing mainly due to mechanical agriculture and pasture abandonment.

LANDSCAPES OF THE MT. AMIATA VOLCANO

VOL

Steep forested slopes of the volcanic dome and flat and gently dipping surfaces of the lava flows; steep selective erosion escarpments affected by landslides and Deep Seated Gravitational Movements

KARSTIC LANDSCAPES

KALi

Landscapes of travertines (hot springs) and calcareous tufa
Flat and undulated arable surfaces bounded by stepped slopes or steep escarpments following former waterfalls and pools; local mounds and fissure ridges along old hot springs (i.e. Rapolano, Sarteano).

KALp

Landscapes of the polje's
Wide flat arable plains occupied by lakes and swamps artificially drained in historical times (i.e. Pian del Lago, Piano di Rosia) filled with reddish polygenic sediments (fluvial, lacustrine, colluvial, relict and polygenic paleosols).

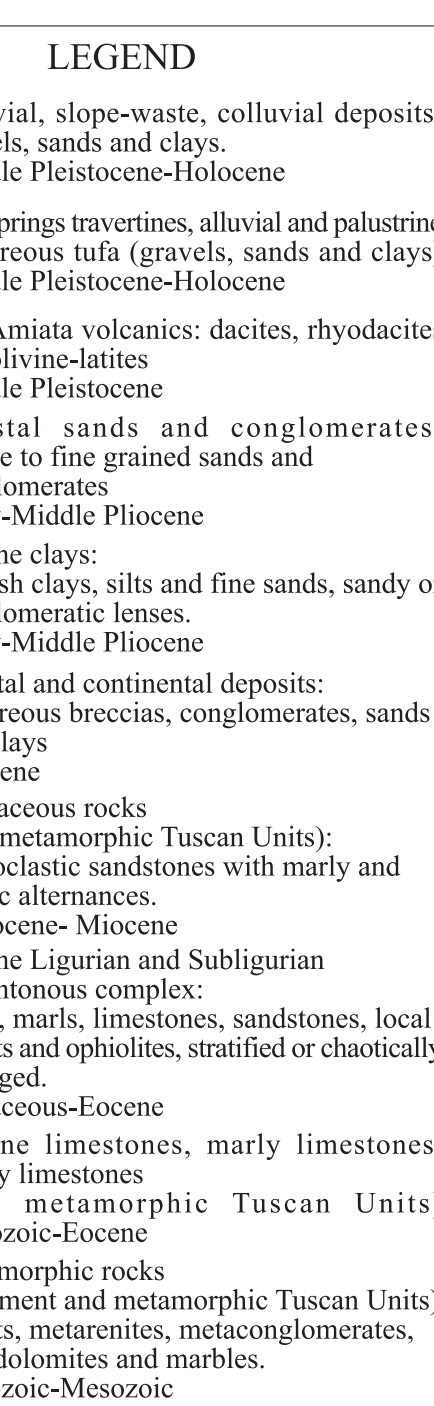
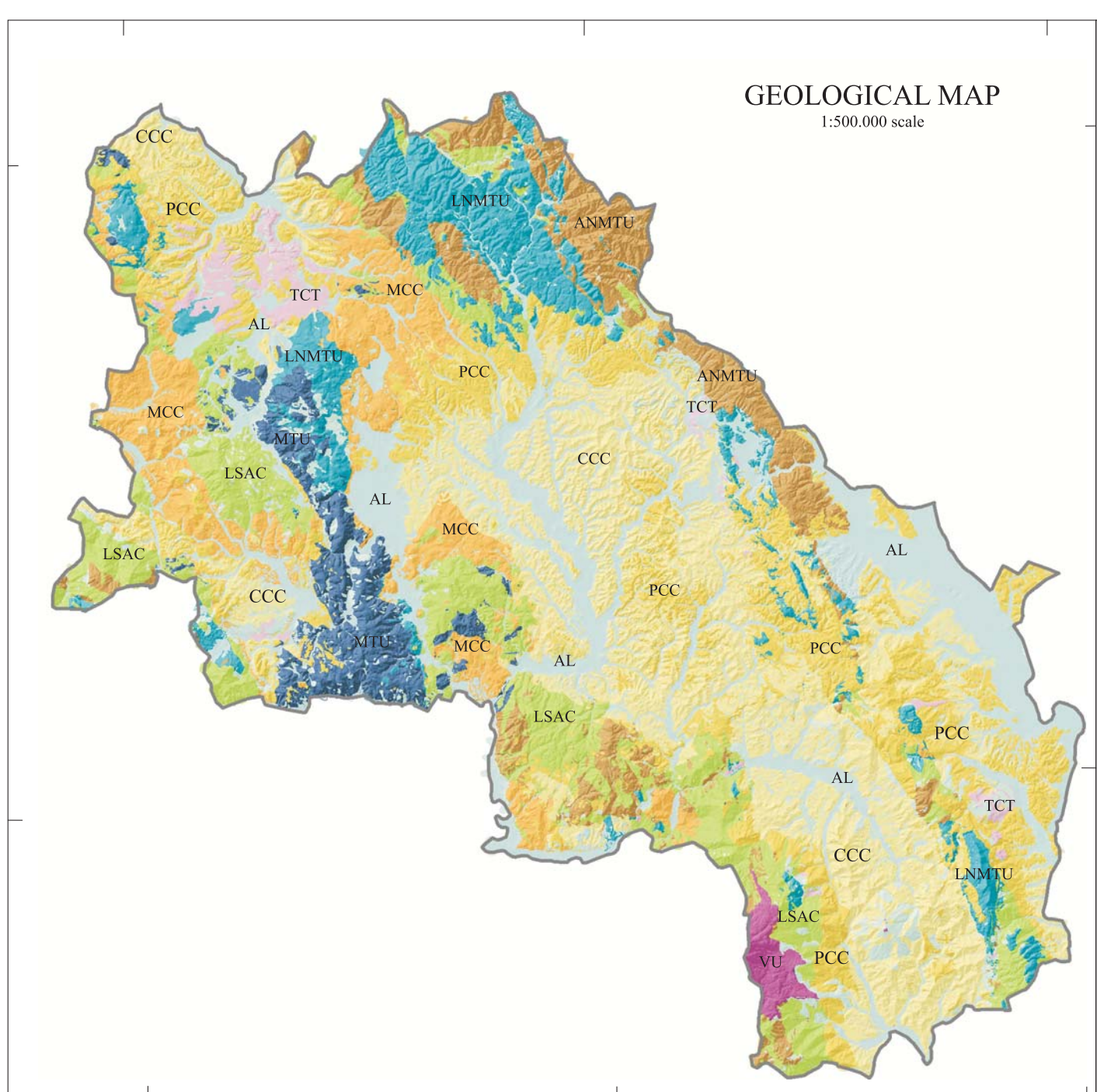
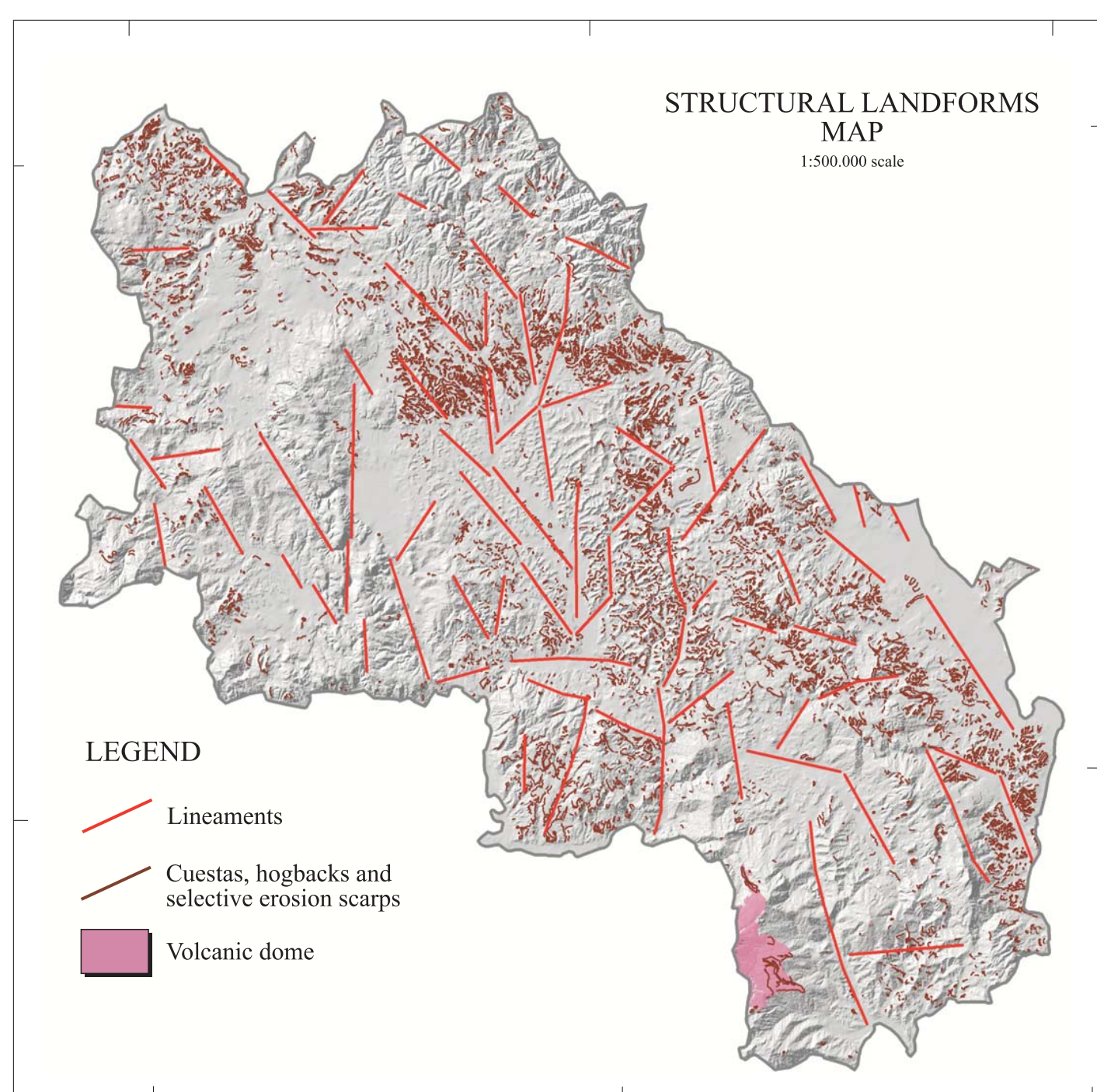
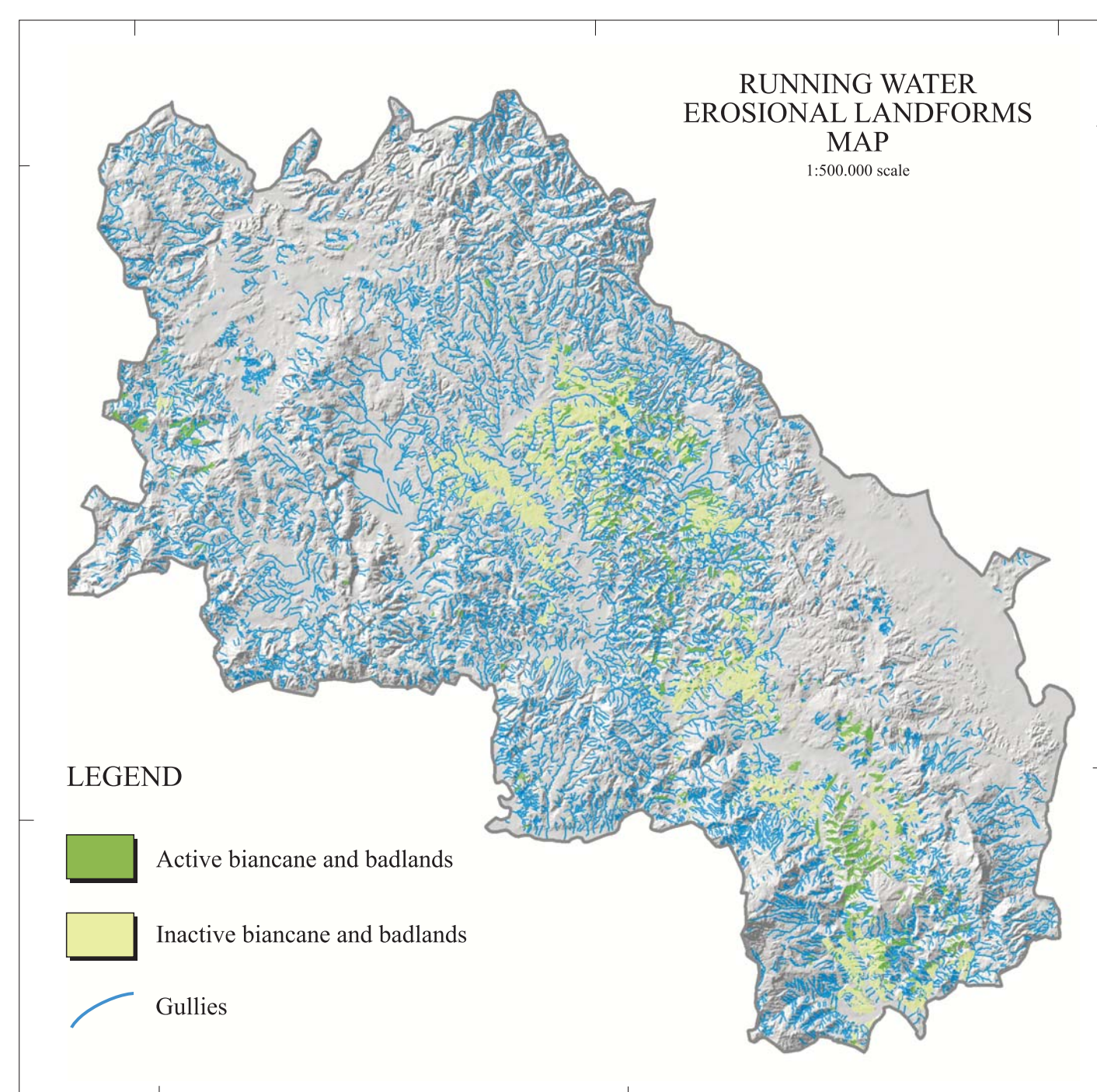
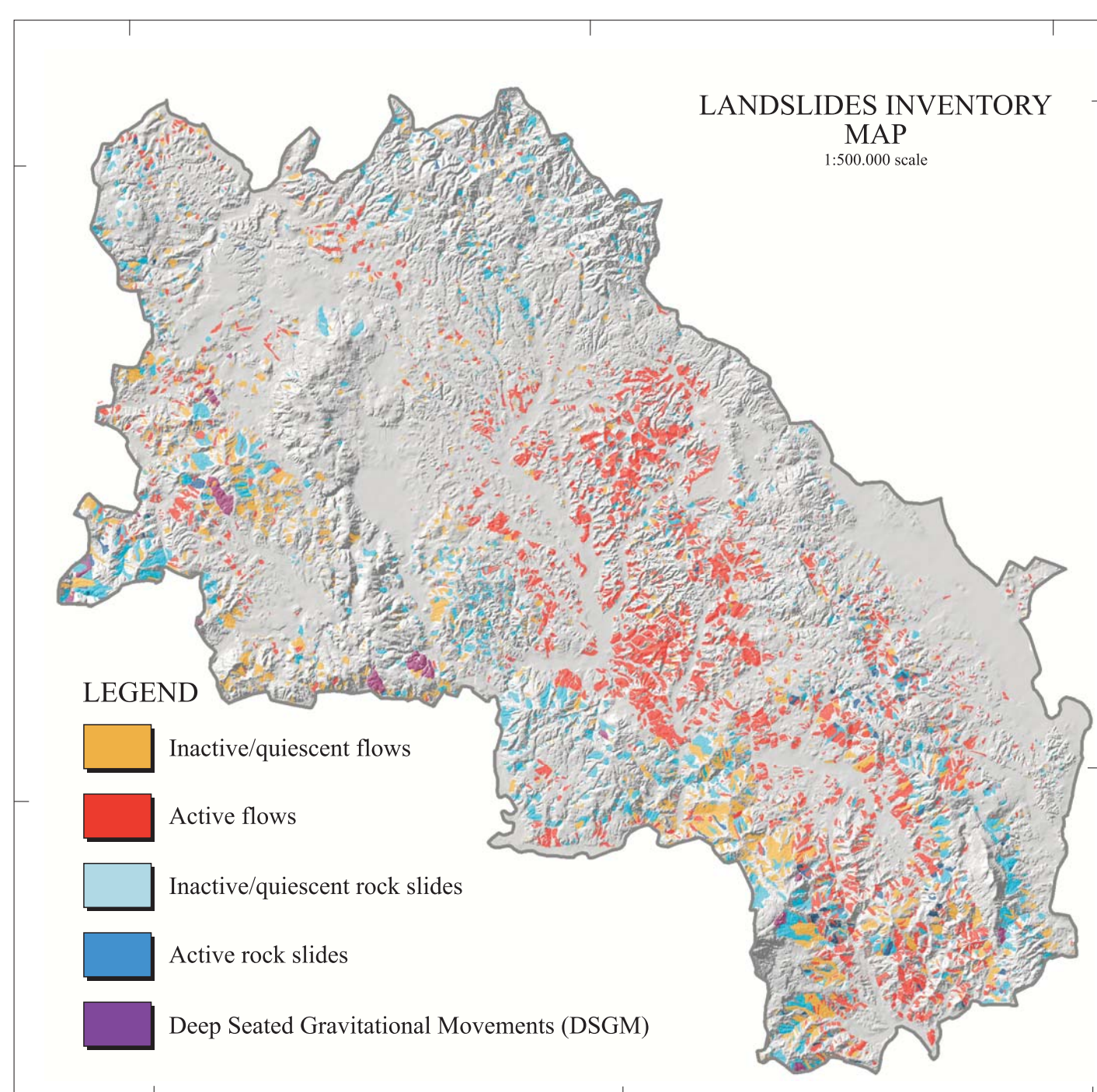
LANDSCAPES OF THE ARABLE VALLEY BOTTOMS

VALi

Landscapes of the inner valleys
Flat arable alluvial plains with entrenched active channels and up to 4 orders of hanging alluvial terraces.

VALv

Landscapes of the reclaimed Valdichiana
Flat arable plains definitively reclaimed at the end of the XIX century with artificial hanging channels network and sediment traps



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