

LEGEND

- Magmatic foliation
- A4 axis fold
- A3 axis fold
- Bedding or main foliation
- Thrust
- Fault
- Stratigraphic contact

- Quaternary deposits
- Post Orogenic Continental Deposits**
 - MIO Mudstones, sandy-mudstones, sandstones and marls (Miocene)
- Volcanic and Intrusive Tertiary Rocks**
 - TERTIARY VOLCANICS (Miocene)**
 - α3 Andesite and dacite
 - α2 Andesite and dacite pyroclastic
 - α1 Latite and quartz-latite
 - KOPAONIK INTRUSIVE COMPLEX (31.5 ± 0.3 Ma - Early Oligocene)**
 - γ3 Porphyroid qtz-monzonite
 - γ2 Granodiorite and qtz-monzodiorite
 - γ1 Qtz-diorite
 - Hornfels and scarns
- Brus Unit**
 - BRU Brus Formation (Late Coniacian)
Thin to medium bedded, fine to medium grained siliciclastic arenite alternating with carbonate-free mudstone.
- Ophiolite Unit**
 - Σ Serpentinized harzburgite
Serpentinites and serpentinized harzburgites
 - AMP Metamorphic sole
Fine-grained amphibolites, coarse-grained garnet bearing amphibolites and minor quartz-bearing micaschists.
- Subophiolite Unit**
 - SUBOPHIOLITE MELANGE**
 - β Basalt
Massive and pillow lava basalts.
 - SOM1 Monogenic breccia
Quasi-monogenic breccia of serpentinite and subordinate carbonate clasts in arenitic matrix.
 - SOM2 Clast-supported conglomerate
Clast-supported conglomerates and coarse arenites. The clasts in the conglomerates are made of amphibolites, basalts, serpentinites and radiolarites.
- Brzece Unit**
 - BRZECE FORMATION (Late Coniacian)**
The Brzece formation include three different members.
 - Paraconglomeratic member**
BRZ1 Mud- to clast-supported conglomerates (pebbly-mudstones, pebbly-sandstone and orthoconglomerate) and coarse-grained arenites.
 - Arenitic member**
BRZ2 Thick to very thick beds of medium- to coars-grained mixed arenite alternating with carbonate-free shale.
 - Thin-bedded turbidite member**
BRZ3 Thin to medium thick beds of fine- to medium-grained arenites and coarse-grained siltites (mixed composition), alternating with carbonate-free shales.
- Kopaonik Metamorphic Complex**
 - KMC3 MARBLE (Late Triassic)
Marbles layers alternating with thick layers of metadolstones. Late Triassic conodonts assemblage
 - KMC2 PHYLLITE
Thick sequences of m-thick layers of phyllites alternating with minor cm-thick layers of fine-grained marbles
 - KMC1 AMPHIBOLITE
Well-foliated bodies of metabasites, characterized by green colour and epidote-rich layers parallel to main foliation

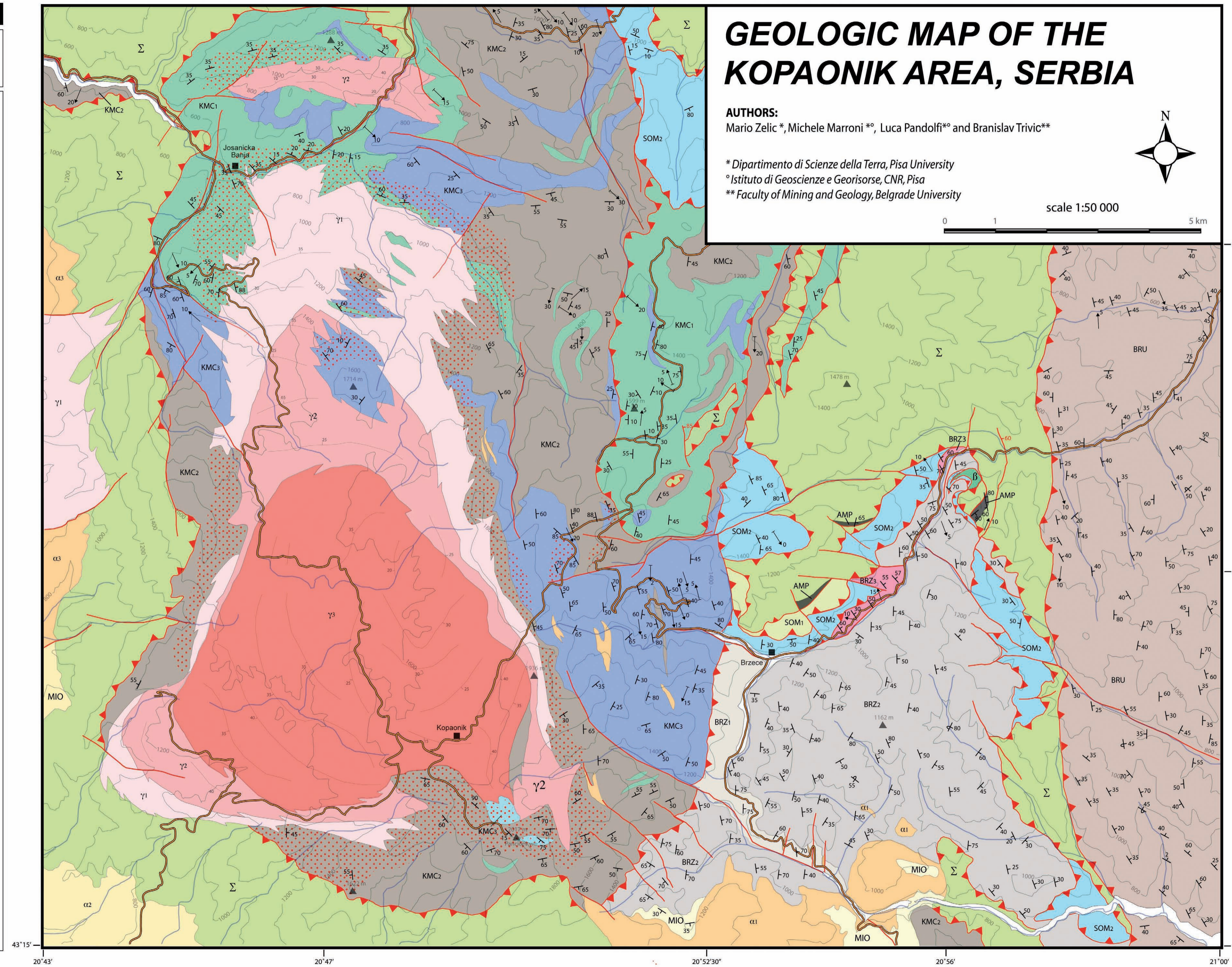
GEOLOGIC MAP OF THE KOPAONIK AREA, SERBIA

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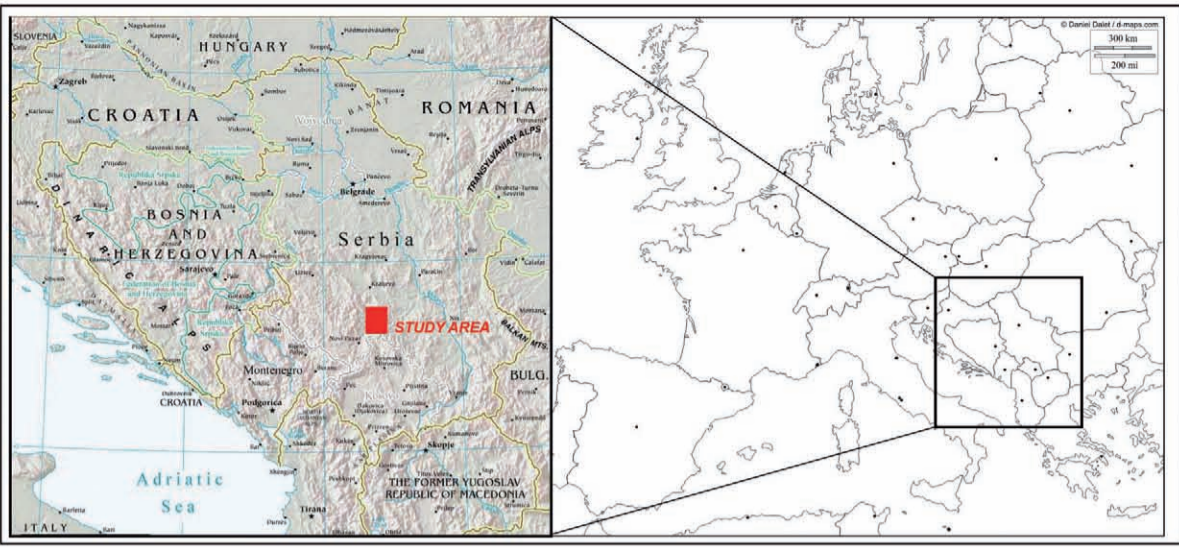
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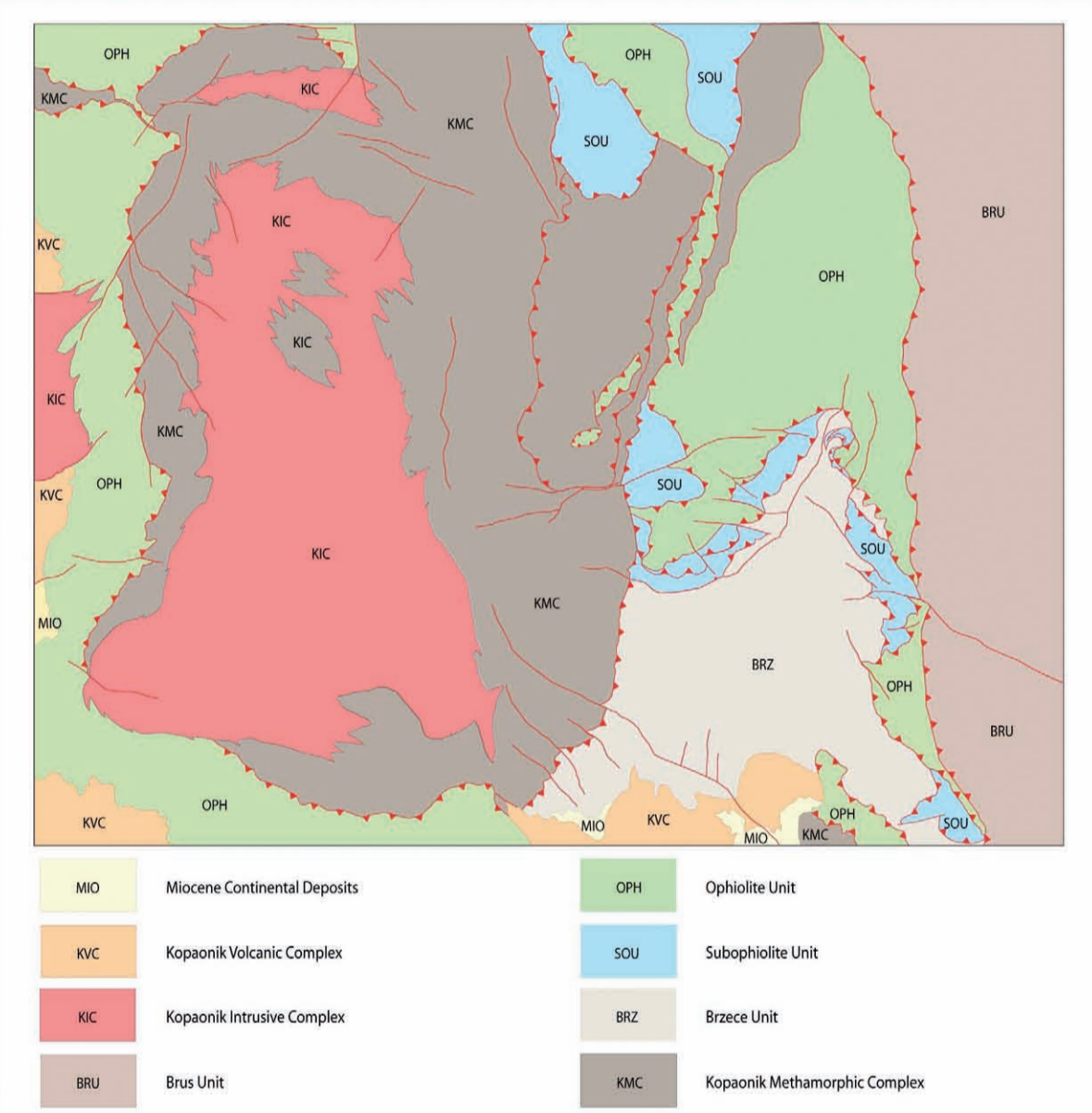
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GEOGRAPHIC POSITION



TECTONIC SCHEME



STRATIGRAPHIC LOGS

