Multispectral cartographic base in geological research, Central Asia

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Motivation

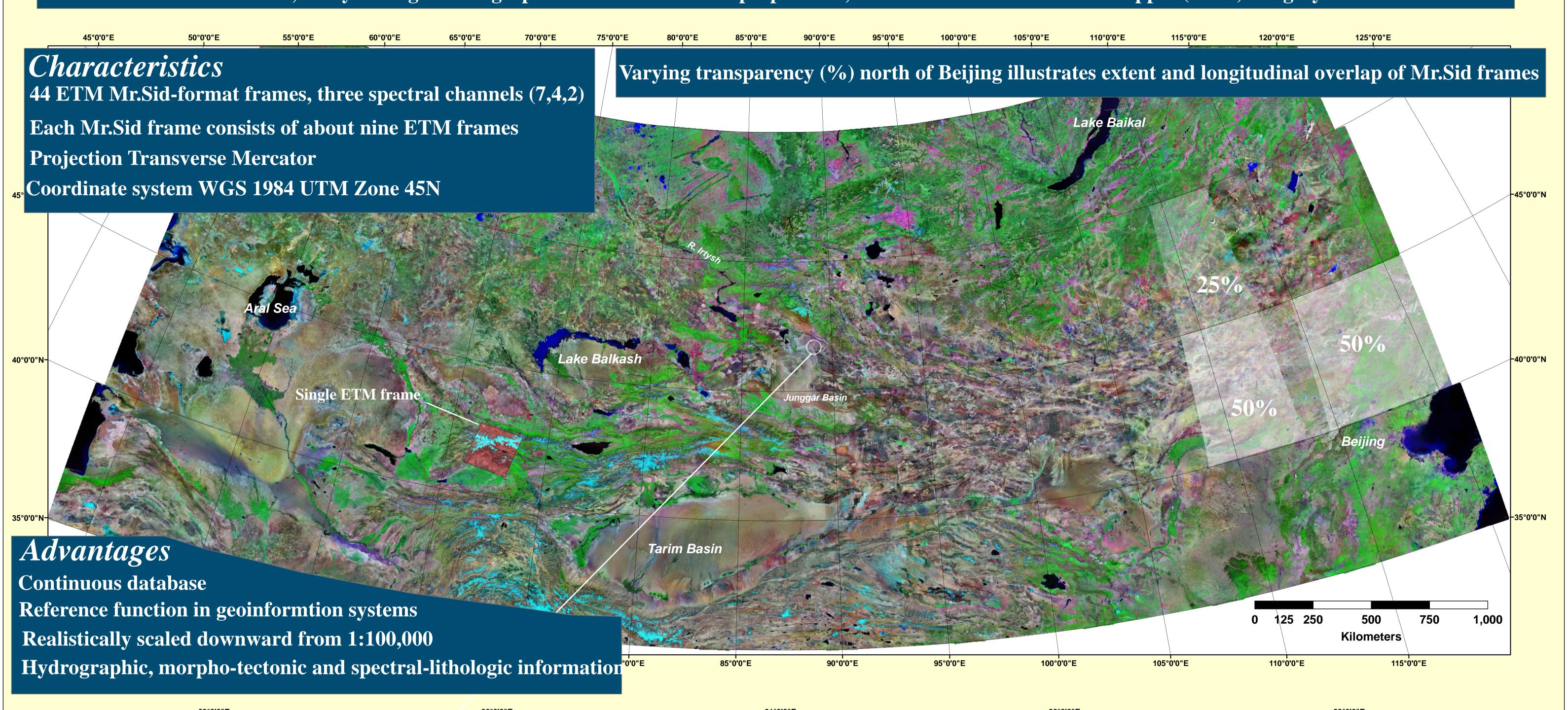
For large parts of Asia up-to-date regional-scale geological and geophysical maps are not normally immediately at hand.

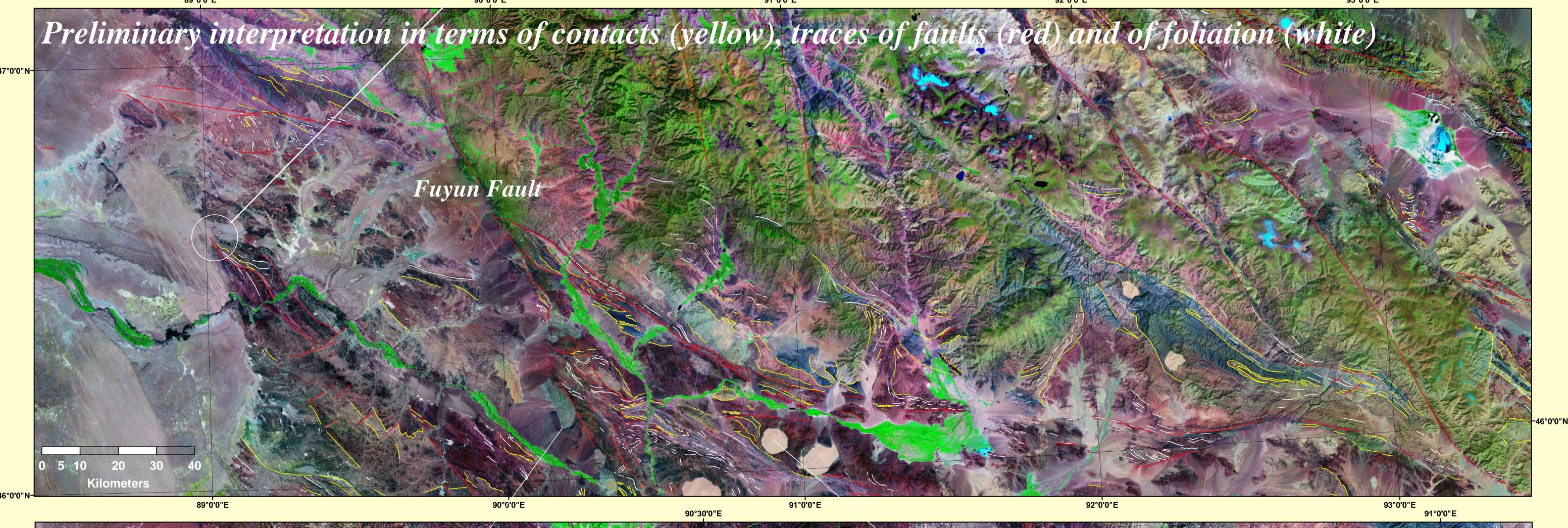
Publications on the geology and earth resources of Asia have to resort, as everywhere else, to schematic diagrams to get their message across.

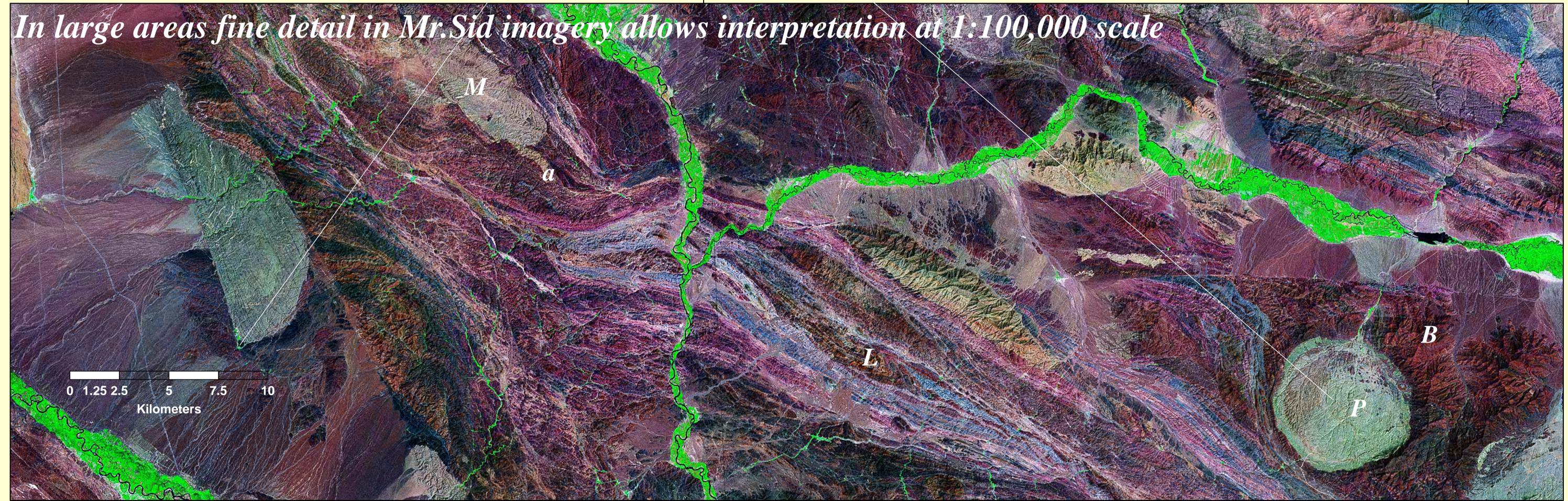
Consequently, new data and ideas remain isolated and are not optimally used in regional problems.

Objective

With a view to a continuous, easily managed cartographic base of continental proportions, we use Enhanced Thematic Mapper (ETM) imagery in "MrSid" format







Bottom panel

- A finely laminated belt with lenses (e.g. -L-) and irregularly outlined bodies (e.g. -B-) of strongly varying proportions suggests ductile-brittle deformation
- Within -B-, a circular body -P- suggests a pipe-like intrusion protected from deformation by -B-
- The appendix -a- on elliptical gray mass -M- suggests a horned intrusion possibly implying syn-deformational magma emplacement