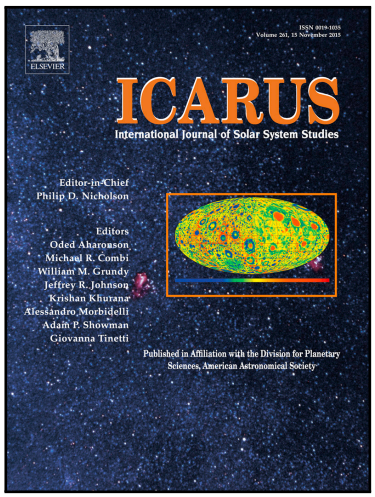

Morphological mapping of Ganymede: Investigating the role of strike-slip tectonics in the evolution of terrain types

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Highlights

- We extensively map nine sites of varying terrain types in both sub- and anti-Jovian hemispheres using Galileo imagery.
- Numerous examples of strike-slip morphological indicators at every site suggest strike-slip tectonism is important to Ganymede's evolutionary history.
- Mapped sites share similarities with each other, both in the occurrence of strike-slip indicators and in the stages of deformation when comparing neighboring regions.