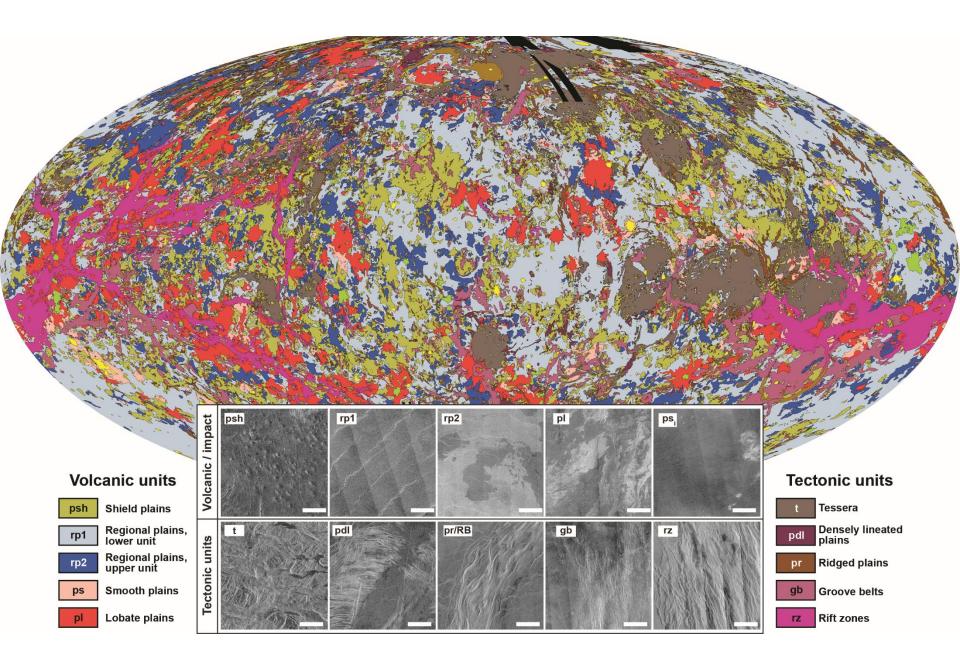
Preliminary selection of appropriate Venera-D landing sites

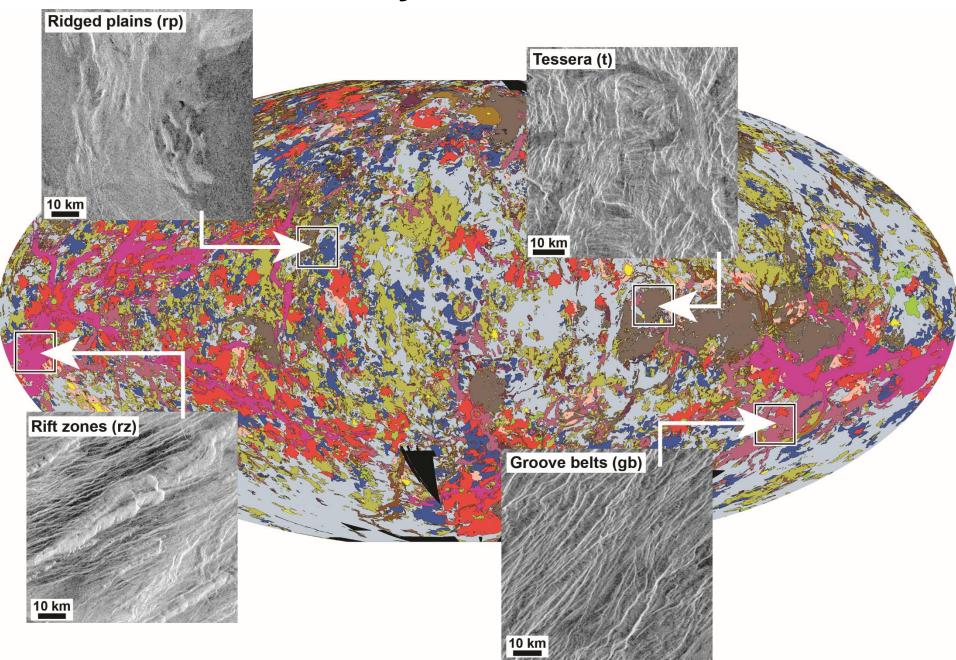
M.A. Ivanov, Vernadsky Institute, RAS

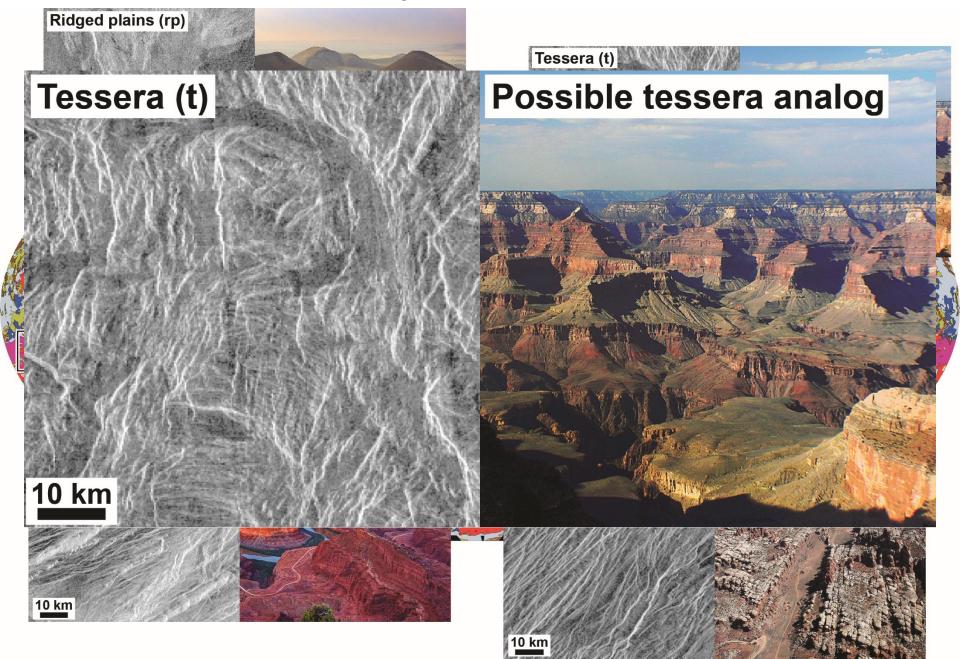
Safety first

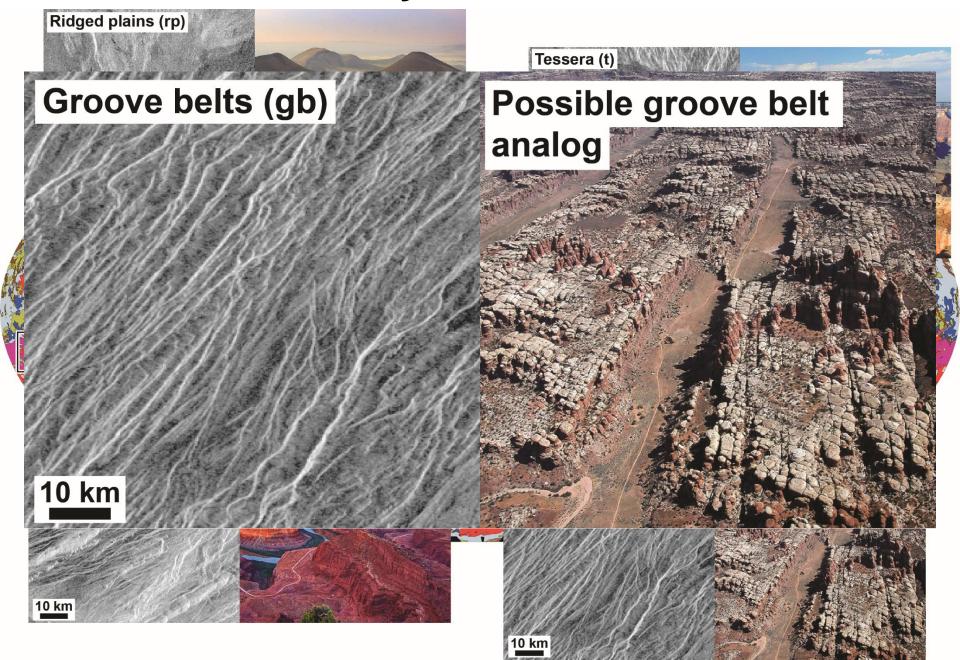
No safe landing: one-leg mission

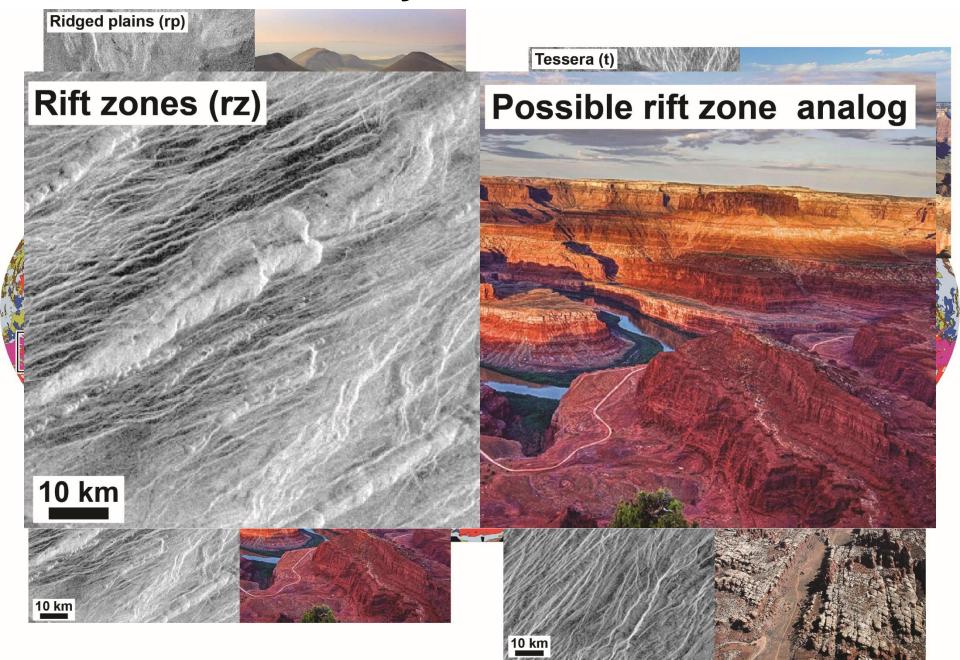
Lander safety: Variety of units

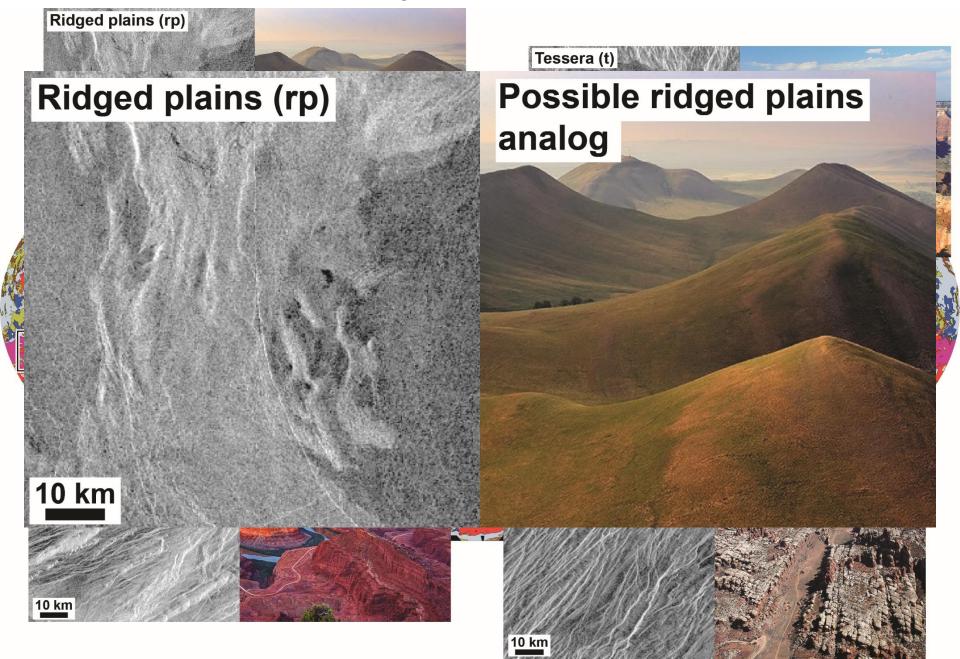


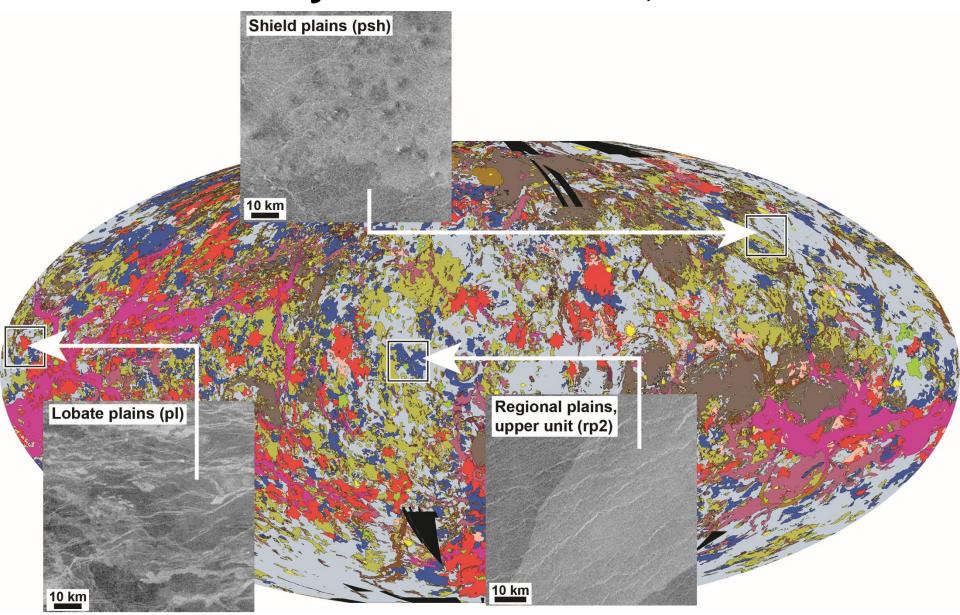


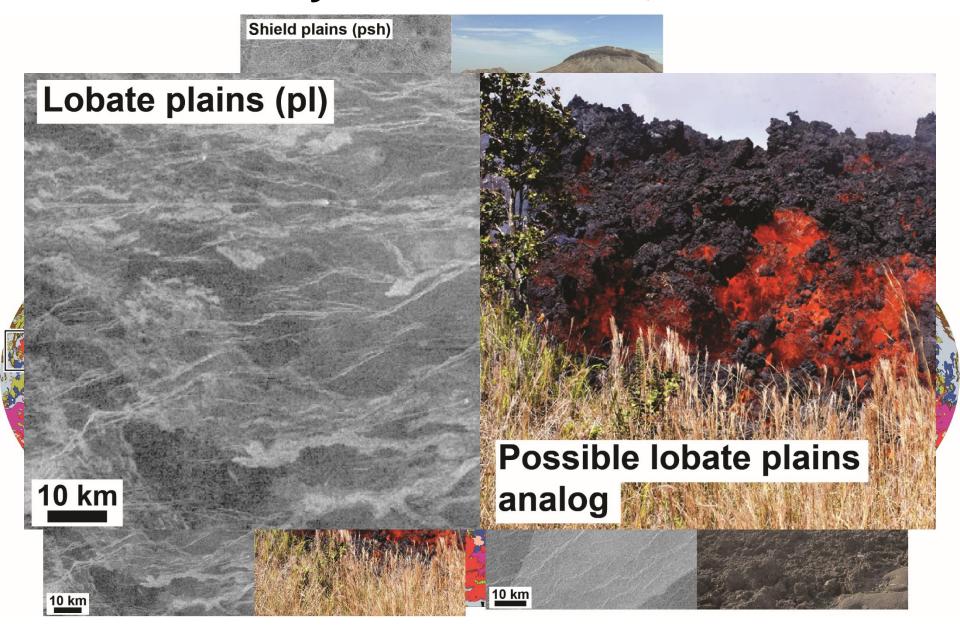


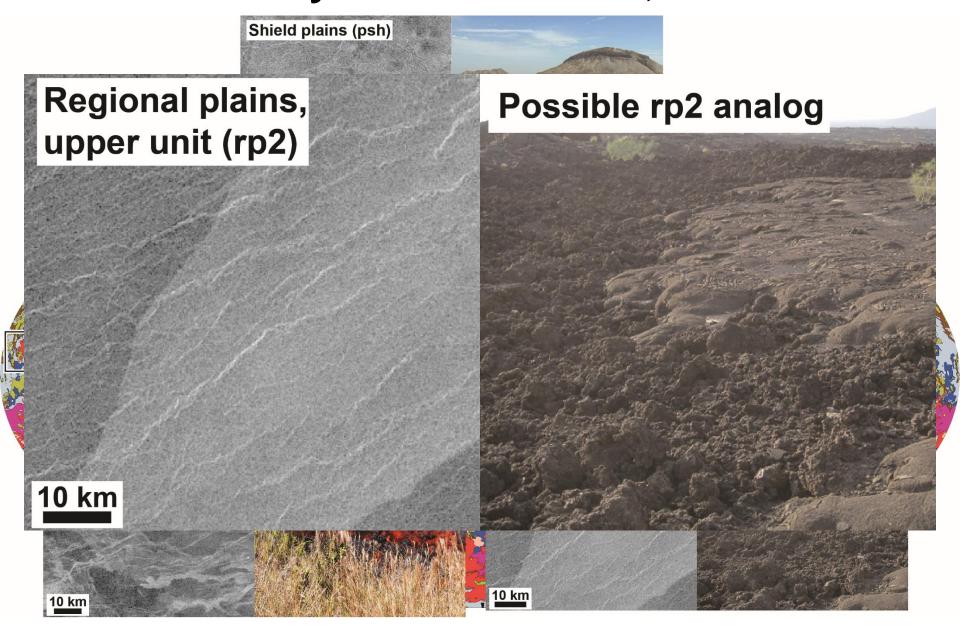


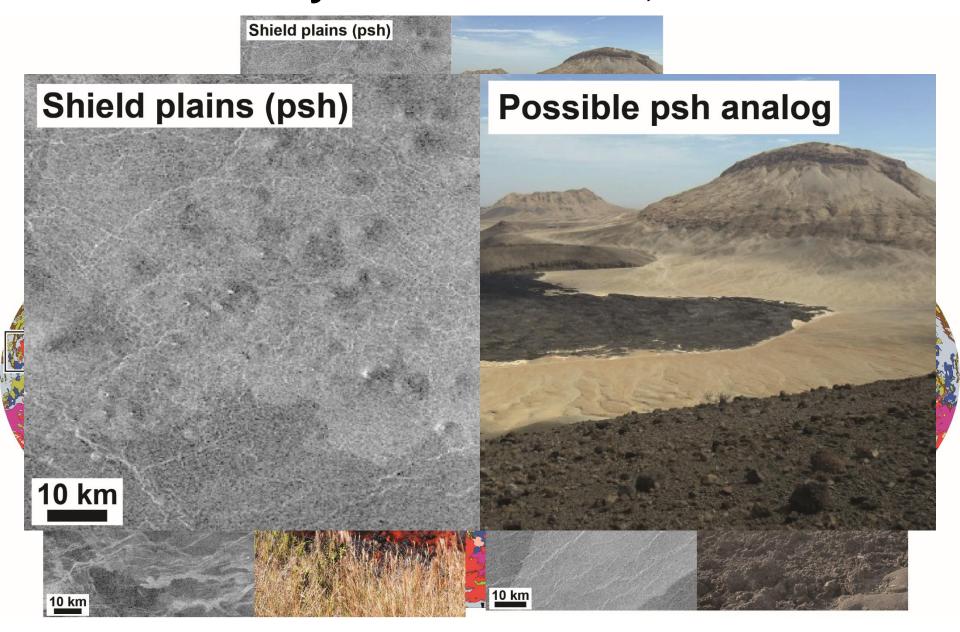


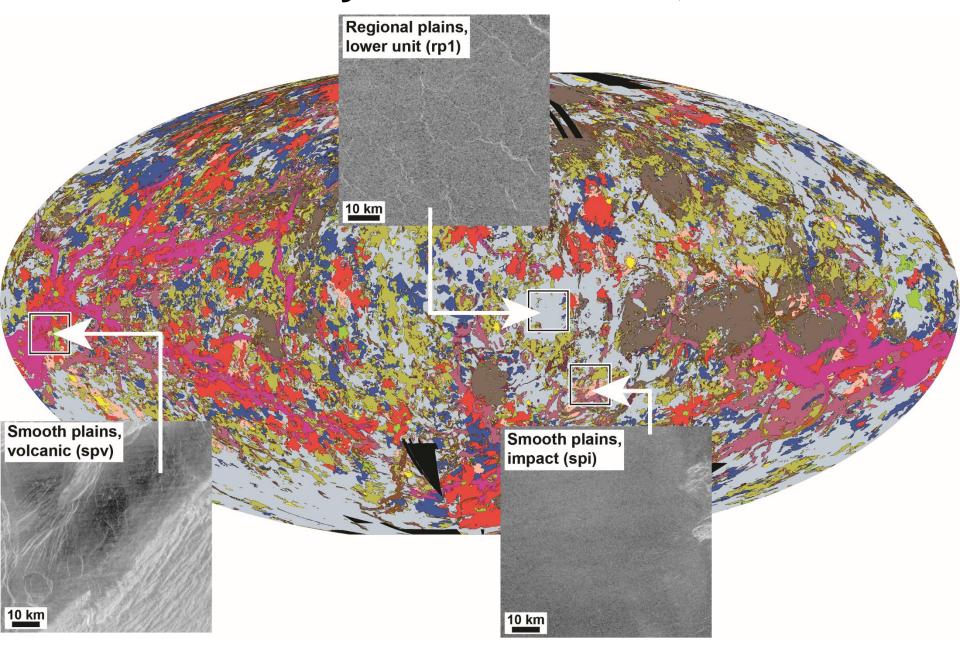


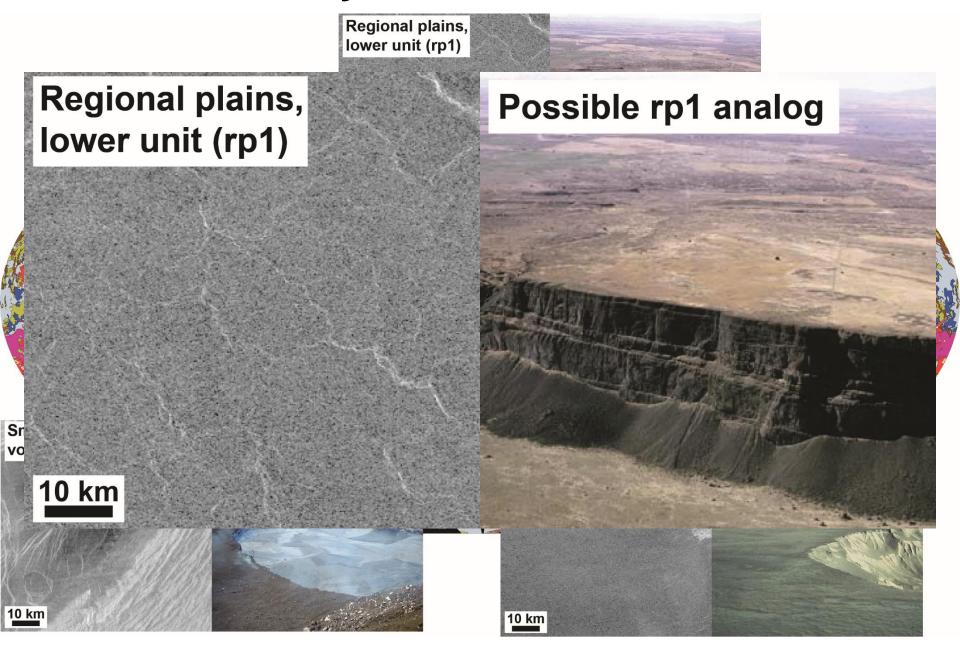


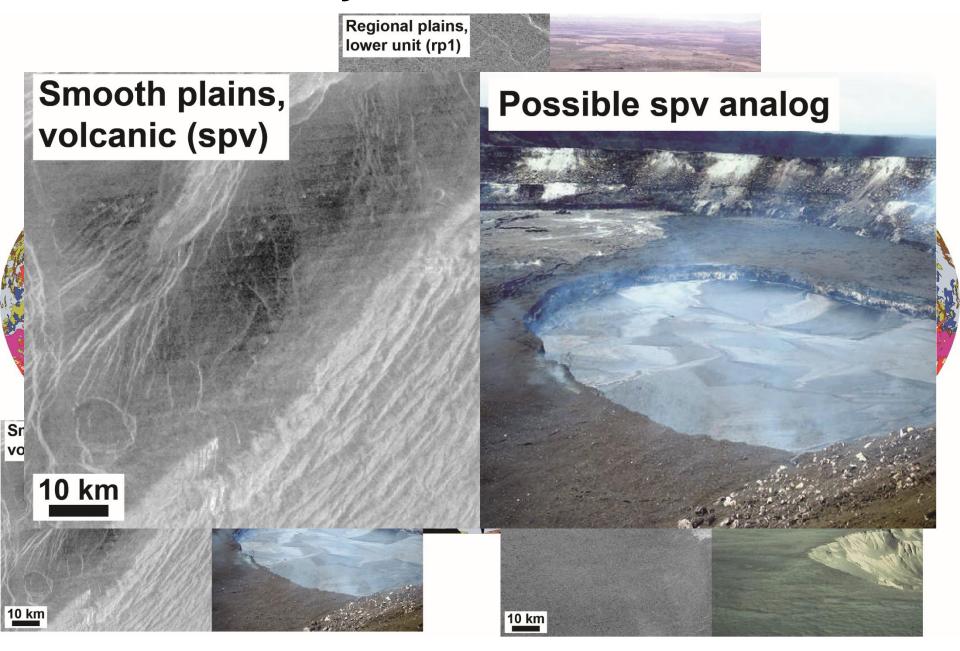


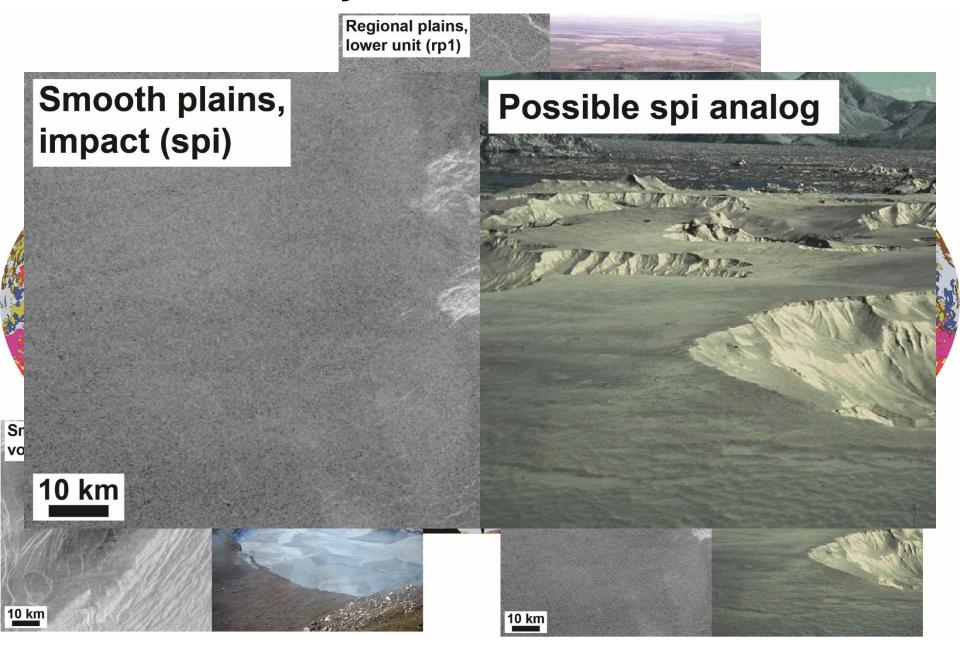




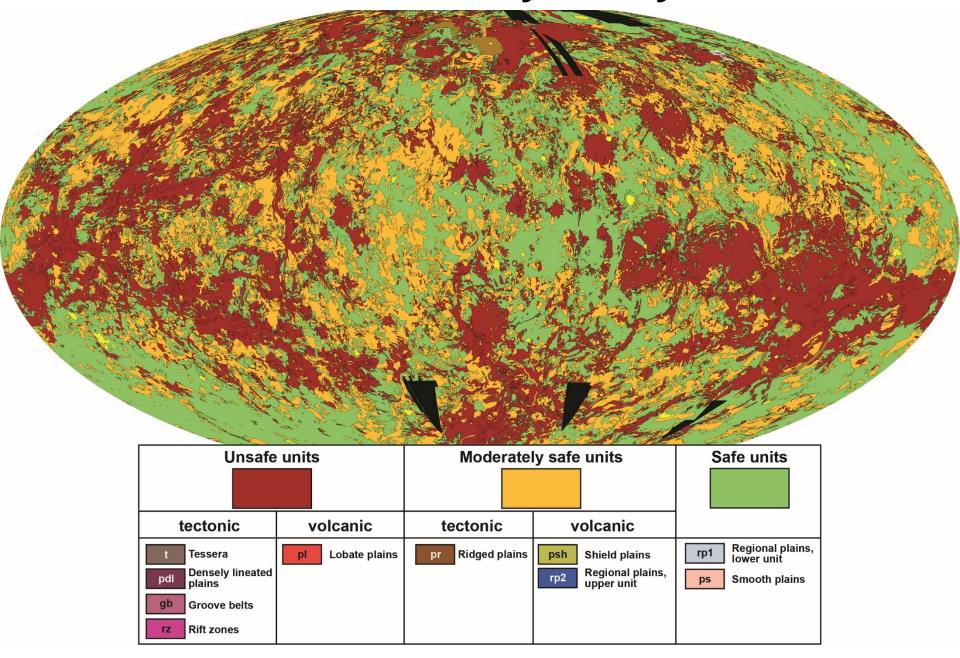






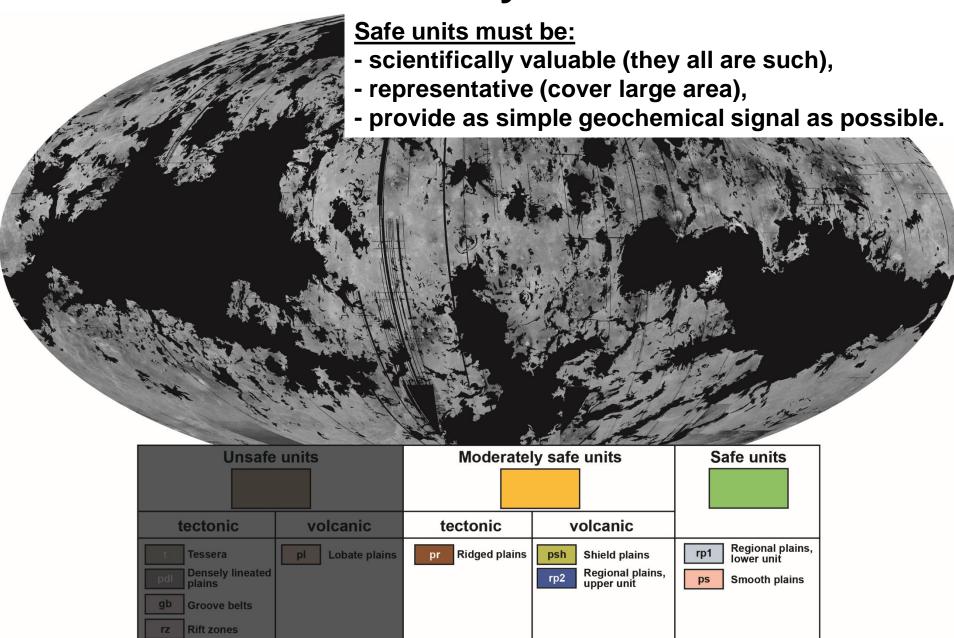


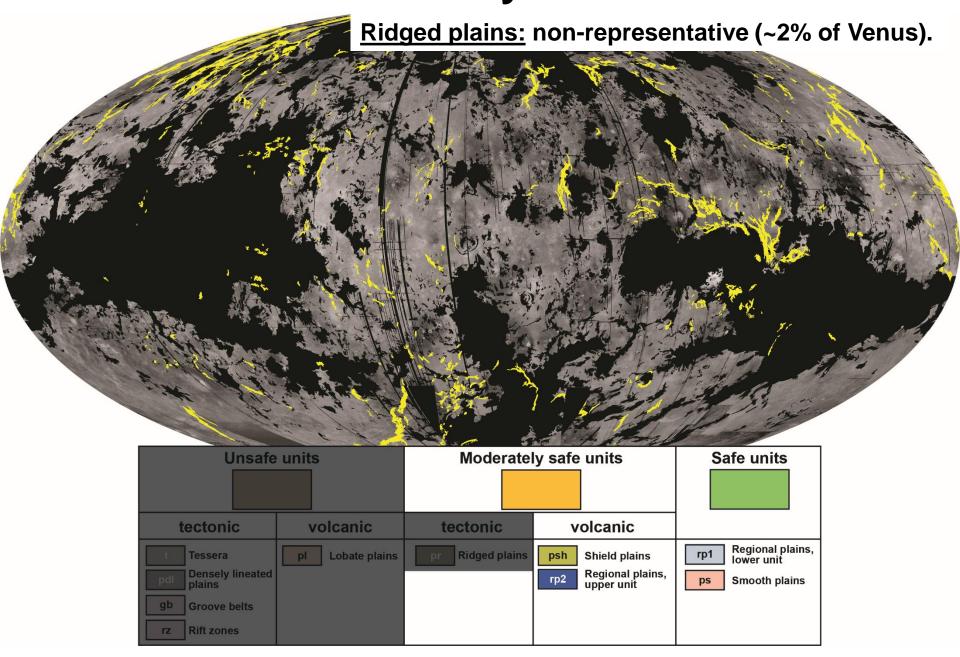
Prioritization by safety

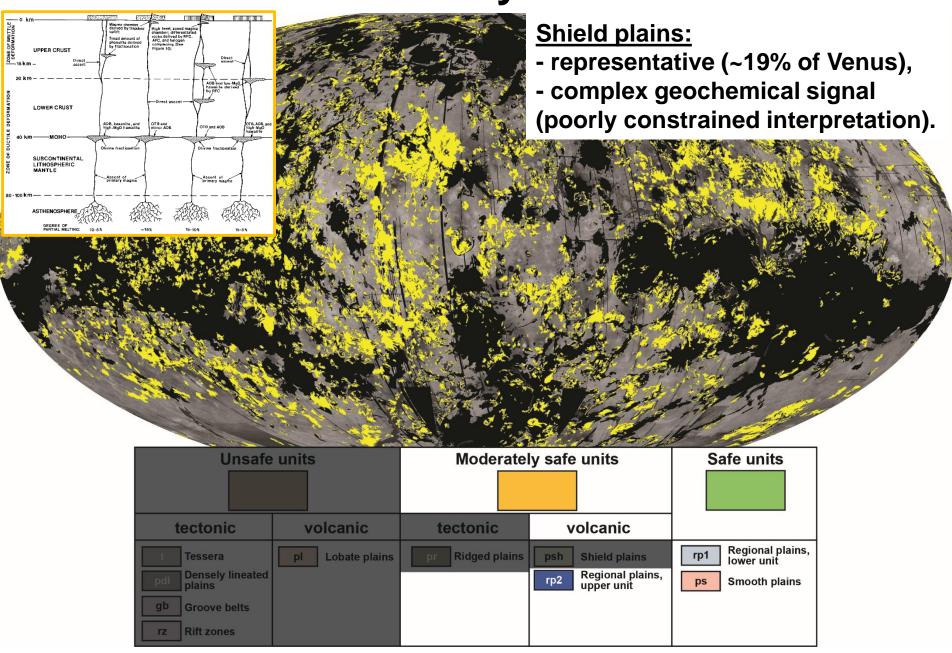


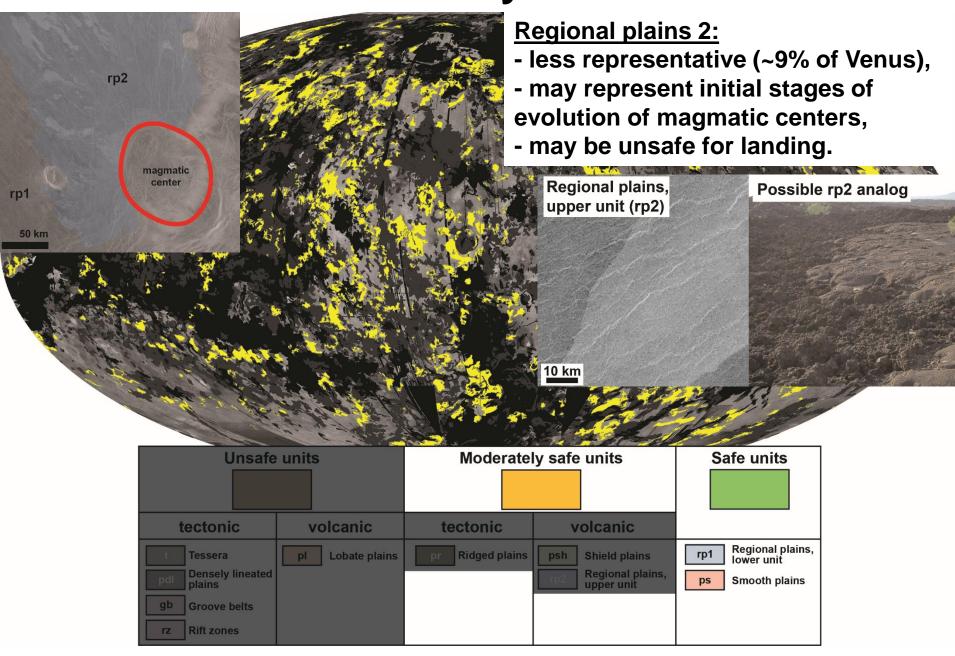
Scientific prioritization

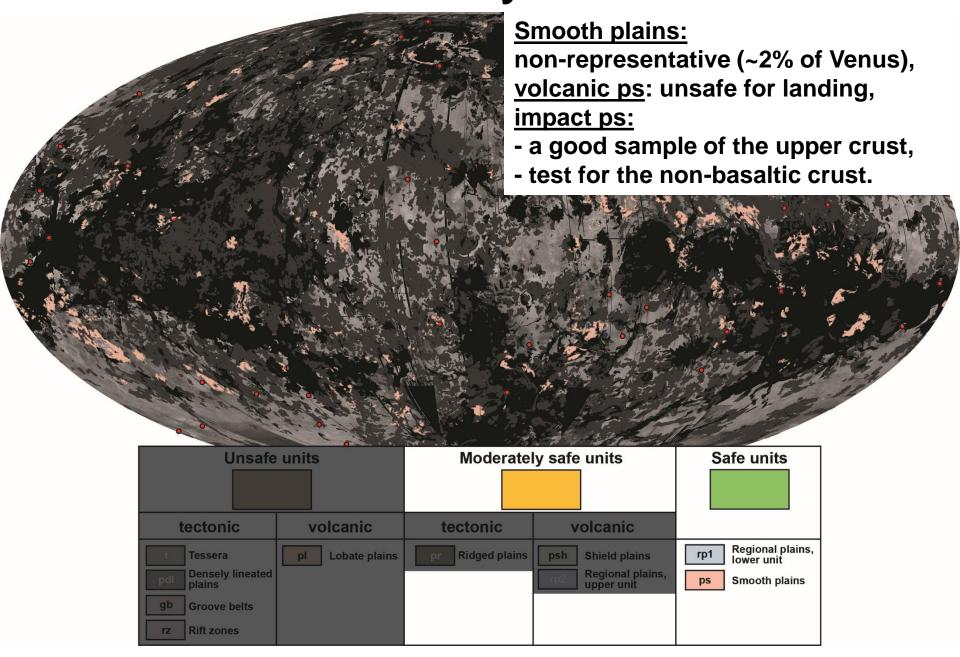
No good data, no good mission

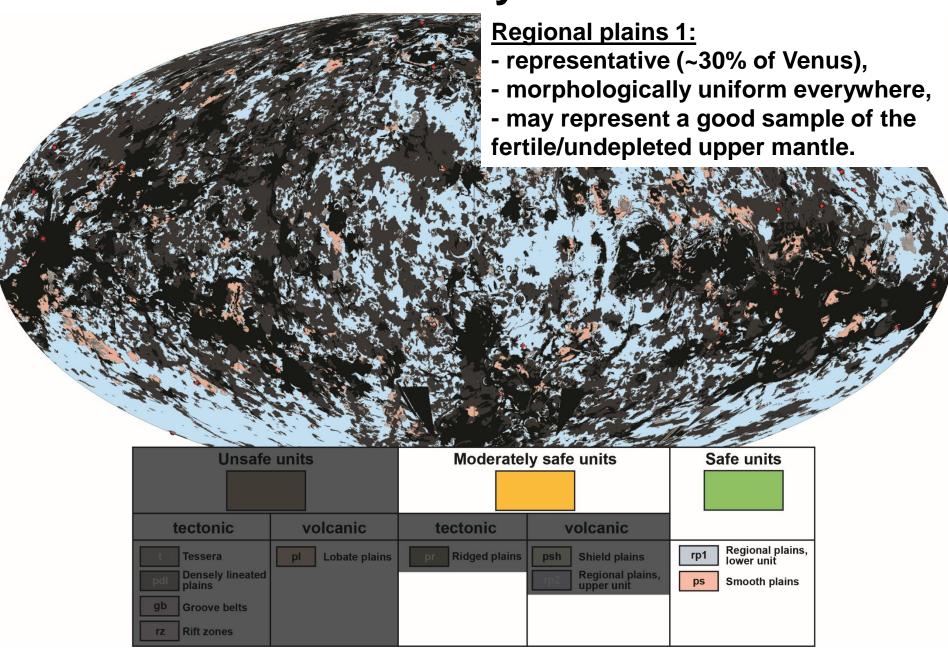




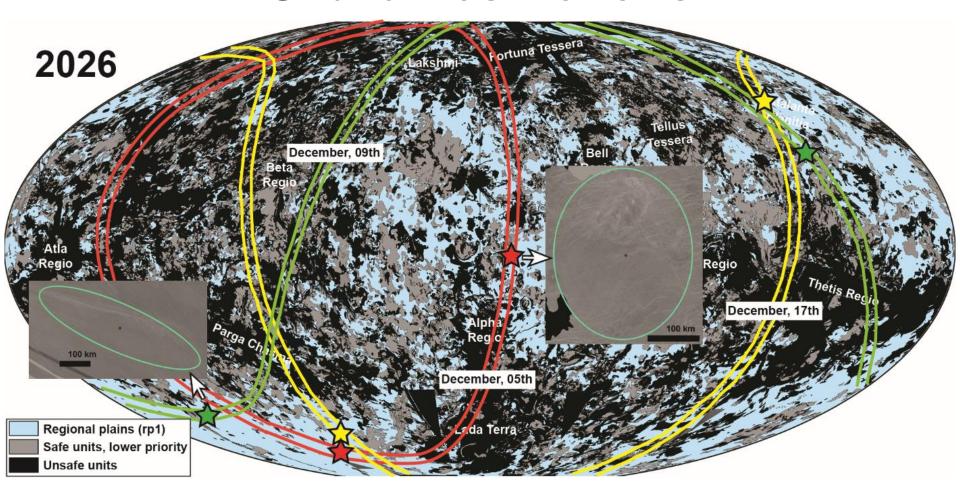




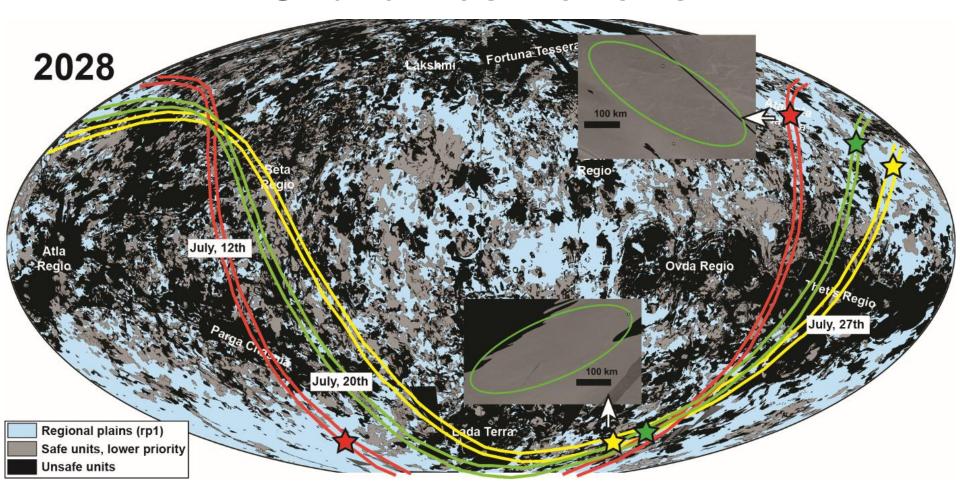




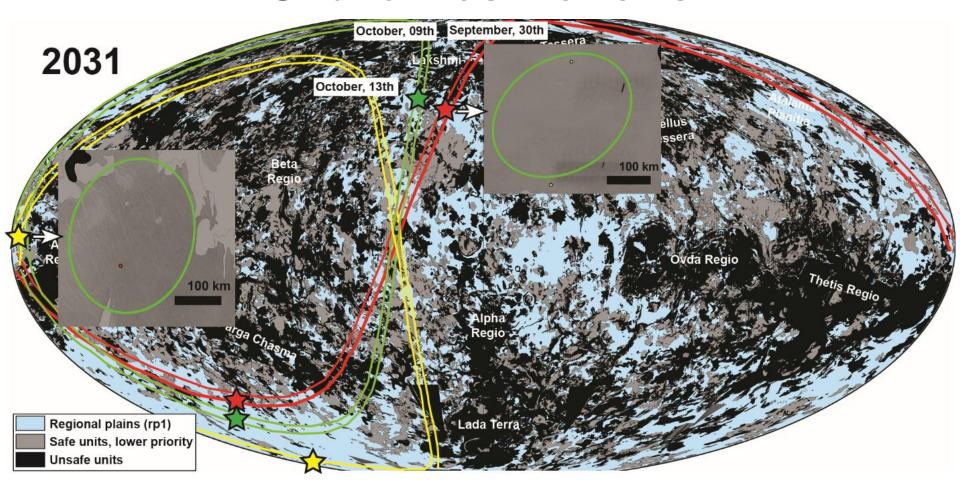
We CANNOT land in ANY place we wish



Position of the attainability arcs for year of 2026. Insets show examples of the uncertainty ellipses for two selected landing sites. Stars indicate the other sites.



Position of the attainability arcs for year of 2028. Insets show examples of the uncertainty ellipses for two selected landing sites. Stars indicate the other sites.



Position of the attainability arcs for year of 2031. Insets show examples of the uncertainty ellipses for two selected landing sites. Stars indicate the other sites.