Martian craters and surface age

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The Martian surface age has been arranged on the basis of the number density of craters, surface geologic texture (geomorphology, albedo, etc.). Mariner series and Viking missions brought global mapping data at the early stage. Now Mars Global Surveyor and Mars Odyssey have provided global dataset with homogeneous resolutions, we can analyze upcoming data (Mars Express, Mars Rovers, etc.) under a geographical information system. This advancement in spatial density and measuring precision has made us enter a new phase. Since the range in space-time for traditional crater chronology is different from that of current exploration dataset, it is necessary to examine their interpretation and consistency. I'll show a view about this situation, introducing discoveries about the latest Mars.