

## Литература

- [1] *Abramenko O. N., Isaev V. S., Komarov I. A.* Martian Cryogenic Conditions // 2-nd European Conference on permafrost. — 2005.
- [2] *Arizona State University.* THEMIS fact sheet. — <http://themis.asu.edu/factsheet>.
- [3] Atmospheric Imaging Results from the Mars Exploration Rovers: Spirit and Opportunity / M. T. Lemmon, M. J. Wolff, M. D. Smith et al. // *Science*. — 2004. — Vol. 306. — Pp. 1753–1756.
- [4] *Barry P. L., Phillips T.* Layers of Mars. — 2001. — [http://science.nasa.gov/headlines/y2001/ast23jan\\_1.htm](http://science.nasa.gov/headlines/y2001/ast23jan_1.htm).
- [5] *Bell T. E.* The Devils of Mars. — 2005. — [http://science.nasa.gov/headlines/y2005/14jul\\_dustdevils.htm](http://science.nasa.gov/headlines/y2005/14jul_dustdevils.htm).
- [6] *Bluck J.* NASA Study Reveals Less Water in Mars' Clouds. — 2007. — [http://www.nasa.gov/centers/ames/news/releases/2007/07\\_89AR.html](http://www.nasa.gov/centers/ames/news/releases/2007/07_89AR.html).
- [7] *Caplinger M.* Seasons on Mars. — 1994. — <http://www.msss.com/http/ps/seasons/seasons.html>.
- [8] *Carr M. H., Schaber G. G.* Martian permafrost features // *Journal of Geophysical Research*. — 1977. — Vol. 82. — Pp. 4039–4054.
- [9] *Clifford S. M., Parker T. J.* The Evolution of the Martian Hydrosphere and Its Implications for the Fate of a Primordial Ocean // The Fifth International Conference on Mars. — 1999. — P. 6236.
- [10] The comparative morphometric analysis of polygonal terrain on Mars and the Earth high latitude areas / R. O. Kuzmin, E. D. Ershow, I. A. Komarov et al. // *Lunar and Planetary Science*. — Vol. XXXIII. — 2002.
- [11] Distribution of Hydrogen in the Near Surface of Mars: Evidence for Subsurface Ice Deposits / W. V. Boynton, W. C. Feldman, S. W. Squyres et al. // *Science*. — 2002. — Vol. 297, no. 5578. — Pp. 81–85.

- [12] *ESA*. Northern rim of Hellas basin. — 2004. — [http://www.esa.int/esaMI/Mars\\_Express/SEMB5UL26WD\\_0.html](http://www.esa.int/esaMI/Mars_Express/SEMB5UL26WD_0.html).
- [13] *European Space Agency*. Mars Express. — [http://www.esa.int/SPECIALS/Mars\\_Express](http://www.esa.int/SPECIALS/Mars_Express).
- [14] Giant saltation on Mars / M. P. Almeida, E. J. R. Parteli, J. S. Andrade Jr., H. J. Herrmann // *PNAS*. — 2008. — Vol. 105. — Pp. 6222–6226.
- [15] Global Mineralogical and Aqueous Mars History Derived from OMEGA/Mars Express Data / J. P. Bibring, Y. Langevin, J. F. Mustard et al. // *Science*. — 2006. — Vol. 312. — Pp. 400–404.
- [16] *Hamilton C. J.* Views of the Solar System. — <http://www.solarviews.com>.
- [17] *Ingolfsson Olafur*. Siberia Photos. — [http://www3.hi.is/~oi/siberia\\_photos.htm](http://www3.hi.is/~oi/siberia_photos.htm).
- [18] *Krasnopolsky V. A.* Some problems related to the origin of methane on Mars // *Icarus*. — 2006. — Vol. 180(2). — Pp. 359–367.
- [19] *Krasnopolsky V. A., Maillard J. P., Owen T. C.* Detection of methane in the martian atmosphere: evidence for life? // *Icarus*. — 2004. — Vol. 172(2). — Pp. 537–547.
- [20] *Kreslavsky M. A., Head J. W., Marchant D. R.* Periods of active permafrost layer formation during the geological history of Mars: Implications for circum-polar and mid-latitude surface processes // *Planetary and Space Science*. — 2008. — Vol. 56. — Pp. 289–302.
- [21] *Kuzmin R. O., Zabalueva E. V.* Polygonal terrains on Mars: preliminary results of global mapping of their spatial distribution // *Lunar and Planetary Science*. — Vol. XXXIV. — 2003.
- [22] Maps of Subsurface Hydrogen from the High Energy Neutron Detector, Mars Odyssey / I. Mitrofanov, D. Anfimov, A. Kozyrev et al. // *Science*. — 2002. — Vol. 297. — Pp. 78–81.
- [23] *Marinova M. M., Aharonson O., Asphaug E.* Mega-impact formation of the Mars hemispheric dichotomy // *Nature*. — 2008. — Vol. 453. — Pp. 1216–1219.

- [24] *Milkovich S. M., Head J. W.* Surface textures of Mars' north polar layered deposits: A framework for interpretation and future exploration // *Mars Journal*. — 2006. — Vol. 2. — Pp. 21–45.
- [25] *MSSS.* Mars Global Surveyor Mars Orbiter Camera Image Gallery. — [http://www.msss.com/moc\\_gallery](http://www.msss.com/moc_gallery).
- [26] *NASA.* HubbleSite. — <http://hubblesite.org>.
- [27] *NASA.* Solar System Exploration: Gallery. — <http://solarsystem.nasa.gov/multimedia/gallery.cfm>.
- [28] *NASA/JPL-Caltech.* Mars Exploration Rover Mission. — <http://marsrover.nasa.gov>.
- [29] *NASA/JPL-Caltech.* Mars Global Surveyor: Multimedia. — <http://mpfwww.jpl.nasa.gov/mgs/gallery/images.html>.
- [30] *NASA/JPL-Caltech.* Mars Reconnaissance Orbiter: Gallery. — <http://marsprogram.jpl.nasa.gov/mro/gallery>.
- [31] *NASA/JPL-Caltech.* Photojournal. — <http://photojournal.jpl.nasa.gov>.
- [32] *NASA/JPL-Caltech.* Mars Odyssey: Technology. — 2007. — <http://mars.jpl.nasa.gov/odyssey/technology>.
- [33] *NASA/JPL-Caltech.* Mars Reconnaissance Orbiter: The Mission. — 2008. — [http://marsprogram.jpl.nasa.gov/mro/mission/sc\\_instru.html](http://marsprogram.jpl.nasa.gov/mro/mission/sc_instru.html).
- [34] Overview of the Mars Global Surveyor mission / A. L. Albee, R. E. Arvidson, F. Paluconi, T. Thorpe // *Journal of Geophysical Research*. — 2001. — Vol. 106, no. E10. — Pp. 23,291–23,316.
- [35] *Oze C., Sharma M.* Have olivine, will gas: Serpentinization and the abiogenic production of methane on Mars // *Geophysical Research Letters*. — 2005. — Vol. 32(10). — L10203.
- [36] *Phillips T.* Making a Splash on Mars. — 2000. — [http://science.msfc.nasa.gov/headlines/y2000/ast29jun\\_1m.htm](http://science.msfc.nasa.gov/headlines/y2000/ast29jun_1m.htm).

- [37] *Phillips T.* Planet Gobbling Dust Storms. — 2001. — [http://science.nasa.gov/headlines/y2001/ast16jul\\_1.htm](http://science.nasa.gov/headlines/y2001/ast16jul_1.htm).
- [38] *Phillips T.* Mars Dust. — 2003. — [http://science.nasa.gov/headlines/y2003/09jul\\_marsdust.htm](http://science.nasa.gov/headlines/y2003/09jul_marsdust.htm).
- [39] *Roberts J. H., Zhong S.* Degree-1 convection in the Martian mantle and the origin of the hemispheric dichotomy // *Journal of Geophysical Research*. — 2006. — Vol. 111, no. E06013.
- [40] *Schofield T.* Surface Weather Report, 7.05 AM PDT, August 26th, 1997. — <http://mars.jpl.nasa.gov/MPF/science/weather.html>.
- [41] *Sheehan W.* The Planet Mars: A History of Observation and Discovery. — University of Arizona Press, 1996. — 270 pp.
- [42] *Shotwell R.* Phoenix — the first Mars Scout mission // *Acta Astronautica*. — 2005. — Vol. 57, no. 2–8. — Pp. 121–134.
- [43] The map of polygonal forms of microrelief on Mars / R. O. Kuzmin, E. D. Ershow, I. A. Komarow et al. // Earth Cryosphere as a medium of life support. — Pushino, Russia: 2003.
- [44] *Tillman J. E.* Mars: Temperature overview. — 2004. — [http://www-k12.atmos.washington.edu/k12/resources/mars\\_data-information/temperature\\_overview.html](http://www-k12.atmos.washington.edu/k12/resources/mars_data-information/temperature_overview.html).
- [45] *University of Arizona.* HiRISE Image Catalog. — <http://hirise.lpl.arizona.edu>.
- [46] *University of Arizona.* Phoenix Mars Mission - Gallery. — <http://fawkes4.lpl.arizona.edu/images.php>.
- [47] *Wenrich M. L., Christensen P. R.* A formational model for the polygonal terrains of Mars: Taking a crack at the genesis of the Martian polygons // LPI Technical Report / Ed. by J. S. Kargel, J. Moore, T. Parker. — Vol. 93-04, part 1. — 1993. — Pp. 19–21.
- [48] *Williams D. R.* Mars Fact Sheet. — 2007. — <http://nssdc.gsfc.nasa.gov/planetary/factsheet/marsfact.html>.

- [49] *Wilson A., Chicarro A.* Mars Express: The Scientific Payload // *ESA Special Publication*. — 2004. — Vol. SP-1240. — Pp. 1–219.
- [50] *Жарков В. Н., Мороз В. И.* Почему Марс? // *Природа*. — 2000. — № 6. — С. 58–67.
- [51] *Институт Космических Исследований РАН.* Российский прибор HEND. — <http://arc.iki.rssi.ru/hend>.
- [52] *Исаев В. С.* Сравнительный анализ мерзлотных условий и проявлений процесса морозобойного растрескивания на высоких широтах Земли и Марса: *Авт. канд. дис.* — М., 2005. — 27 с.
- [53] *Кузьмин Р. О.* Криолитосфера Марса. — М.: Наука, 1983. — 144 с.
- [54] *Кузьмин Р. О.* Распределение подземного льда на Марсе // *Материалы международной конференции «Криосфера нефтегазоносных провинций»*. — 2004.
- [55] *Кузьмин Р. О., Галкин И. П.* Как устроен Марс. — М.: Знание, 1989. — 64 с.
- [56] *Кузьмин Р. О., Забалуева Е. В.* К вопросу о солевых растворах в криолитосфере Марса // *Астрономический вестник*. — 1998. — Т. 32, № 3. — С. 213–225.
- [57] *Родионова Ж. Ф., Илюхина Ю. А.* Новая карта рельефа Марса // *Земля и Вселенная*. — 2005. — № 2.