DAFTAR PUSTAKA

Ai, W., Guo, S., Qin, L., & Tang, Y. (2008). Development of a ground-based space micro-algae photo-bioreactor. *Advances in Space Research*, *41*(5), 742–747. https://doi.org/10.1016/j.asr.2007.06.060

Allen, C. C. (2006). Shoemaker Crater - going where we can "see." *LPI Contribution*, 3–4. https://www.lib.uwo.ca/cgi-bin/ezpauthn.cgi?url=http://search.proquest.com/docview/51233216?accountid=15115

Barry, C. (2023). *NASA Science EARTH'S MOON*. Nasa.Gov. https://moon.nasa.gov/

Boeing. (2006). *Active Thermal Control System (ATCS) Overview*. https://www.nasa.gov/wp-content/uploads/2021/02/473486main_iss_atcs_overview.pdf

Capone, C. (2023). *NASA Science EARTH'S MOON*. Nasa.Gov. https://moon.nasa.gov/

Capps, S., Lorandos, J., Akhidime, E., Bunch, M., Lund, D., Moore, N., Murakawa, K., Bell, L., Trotti, G., & Neubek, D. (1989). *Partial gravity habitat study: With application to lunar base design*. https://ntrs.nasa.gov/citations/19900004951

Chen, G., Guo, H., Ding, Y., Shang, H., Lv, M., & Zhang, K. (2021). Influence of topography on the site selection of a moon-based earth observation station. *Sensors*, *21*(21). https://doi.org/10.3390/s21217198

Convention on Registration of Objects Launched into Outer Space. (2023). In *Research and Invention in Outer Space*. https://doi.org/10.1163/9789004640214_023

Creech, S., Guidi, J., & Elburn, D. (2022). Artemis: An Overview of NASA's Activities to Return Humans to the Moon. *IEEE Aerospace Conference Proceedings*, *2022-March*. https://doi.org/10.1109/AERO53065.2022.9843277

Fa, W., & Jin, Y. Q. (2007). Quantitative estimation of helium-3 spatial distribution in the lunar regolith layer. *Icarus*, *190*(1), 15–23. https://doi.org/10.1016/J.ICARUS.2007.03.014

Ferrone, K. (2020). *Active Magnetic Radiation Shielding for Long-Duration Human Spaceflight*. https://digitalcommons.library.tmc.edu/utgsbs_dissertations/1019/

Fischer, H. R. (2018). In-situ resource utilization–feasibility of the use of lunar soil to create structures on the moon via sintering based additive manufacturing technology. *Aeronautics and Aerospace Open Access Journal*, *2*(4). https://doi.org/10.15406/aaoaj.2018.02.00056

G.L.Kulchinsk, Thompson, H., & Ott, S. (1989). *Analysis of the Financial Factors ~ overning the Profitability of Lunar Helium-3 Assumotions and .. Approach Real Rate of Return Investment Method*. *1233*.

Gentile, P. D. (2013). Theory of modularity, a hypothesis. *Procedia Computer Science*, *20*. https://doi.org/10.1016/j.procs.2013.09.262

Heinicke, C., Jaret, S., Ormö, J., Fateri, M., Kopacz, N., Baqué, M., Verseux, C., Foing, B., & Razeto, A. (2018). How a laboratory on the Moon should be equipped. *69th International Astronautical Congress (IAC), IAC-18-F1.2.3*, *October*, 1–5.

Jones, H. W. (2023). Take Material to Space or Make It There? *ASCEND Conference*, 1–8. https://doi.org/10.2514/6.2023-4618

Kitmacher, G. H. (2010). Reference Guide to the International Space Station: Assembly Complete

Edition. In *CreateSpace Independent Publishing Platform*.

Li, S., Lucey, P. G., Milliken, R. E., Hayne, P. O., Fisher, E., Williams, J. P., Hurley, D. M., & Elphic, R. C. (2018). Direct evidence of surface exposed water ice in the lunar polar regions. *Proceedings of the National Academy of Sciences of the United States of America*, *115*(36). https://doi.org/10.1073/pnas.1802345115

Maiwald, V., Vrakking, V., Zabel, P., Schubert, D., Waclavicek, R., Dorn, M., Fiore, L., Imhof, B., Rousek, T., Rossetti, V., & Zeidler, C. (2021). From ice to space: a greenhouse design for Moon or Mars based on a prototype deployed in Antarctica. *CEAS Space Journal*, *13*(1), 17–37. https://doi.org/10.1007/s12567-020-00318-4

Motesharrei, S., Rivas, J., & Kalnay, E. (2014). Human and nature dynamics (HANDY): Modeling inequality and use of resources in the collapse or sustainability of societies. *Ecological Economics*, *101*. https://doi.org/10.1016/j.ecolecon.2014.02.014

Mueller, R. P. (2023). Lunar Base Construction Planning. *Earth and Space 2022: Space Exploration, Utilization, Engineering, and Construction in Extreme Environments - Selected Papers from the 18th Biennial International Conference on Engineering, Science, Construction, and Operations in Challenging Environments*, *December 1900*, 858–870. https://doi.org/10.1061/9780784484470.072

NASA. (2020). *Lunar Living: NASA's Artemis Base Camp Concept*. National Aeronautics and Space Administration Web Site. https://blogs.nasa.gov/artemis/2020/10/28/lunar-living-nasas-artemis-base-camp-concept/

NASA. (2023). *Lunar Site Selection*. https://www.nasa.gov/wp-content/uploads/2024/01/lunar-site-selection.pdf?emrc=3c53cd#:~:text=Site selection must account for,to match with vehicle capabilities.

NASA, & MSFC. (2017). *Environmental Control and Life Support System (ECLSS)*. 1–2. https://www.nasa.gov/sites/default/files/atoms/files/g-281237_eclss_0.pdf

National Aeronautics and Space Administration. (1995). *NASA-STD-3000 VOL I (MAN-SYSTEMS INTEGRATION STANDARDS - VOL I).pdf*.

National Aeronautics and Space Administration. (2023a). *Artemis Generation Spacesuits Educator Guide*. https://www.nasa.gov/wp-content/uploads/2023/03/artemis-generation-spacesuits-508.pdf

National Aeronautics and Space Administration. (2023b). *Our Artemis Crew*. National Aeronautics and Space Administration Web Site. https://www.nasa.gov/feature/our-artemis-crew/

National Aeronautics and Space Administration. (2024). *Artemis*. National Aeronautics and Space Administration Web Site. https://www.nasa.gov/specials/artemis/#why

Olson, A. D. S. (2021). Lunar helium-3: Mining concepts, extraction research, and potential isru synergies. *Accelerating Space Commerce, Exploration, and New Discovery Conference, ASCEND 2021*, 1–15. https://doi.org/10.2514/6.2021-4237

Oswald, A. (2022). *Lunar Geology Lab*. *July*.

Ragheb, A., El-Shimy, H., & Ragheb, G. (2016). Green Architecture: A Concept of Sustainability. *Procedia - Social and Behavioral Sciences*, *216*, 778–787. https://doi.org/10.1016/J.SBSPRO.2015.12.075

Rahardja, Y. E. W. (2020). BASE CAMP KOLONI ANTARIKSA DI PLANET MARS DENGAN PENDEKATAN ENERGI YANG BERKELANJUTAN. In *FAKULTAS ARSITEKTUR DAN DESAIN UNIVERSITAS KATOLIK SOEGIJAPRANATA*.

Raya Armenta, J. M., Bazmohammadi, N., Saha, D., Vasquez, J. C., & Guerrero, J. M. (2023). Optimal multi-site selection for a PV-based lunar settlement based on a novel method to estimate sun illumination profiles. *Advances in Space Research*, *71*(5), 2059–2074. https://doi.org/10.1016/J.ASR.2022.12.048

Reitz, G., Berger, T., & Matthiae, D. (2012). Radiation exposure in the moon environment. *Planetary and Space Science*, *74*(1), 78–83. https://doi.org/10.1016/J.PSS.2012.07.014

Simko, T., & Gray, M. (2014). Lunar Helium-3 Fuel for Nuclear Fusion. *World Futures Review*, *6*(2). https://doi.org/10.1177/1946756714536142

Smith, R. E. (2011). Prefab Architecture: A Guide to Modular Design and Construction. In *John Wiley & Sons, Inc.*

SpaceX. (2021). Falcon User Guide. In *SpaceX*. https://www.spacex.com/media/falcon-users-guide-2021-09.pdf

Williams, D. R. (2021). *Moon Fact Sheet*. NASA Goddard Space Flight Center. https://nssdc.gsfc.nasa.gov/planetary/factsheet/moonfact.html

Witze, A. (2020). Meteorites pummel the Moon far more than expected. In *Nature*. https://doi.org/10.1038/nature.2016.20777

Wolfram, S. (2002). The World Simplest Program. In *A New Kind of Science*.