

Bibliography

- Aglietti, Guglielmo S., Ben Taylor, Simon Fellowes, Thierry Salmon, Ingo Retat, Alexander Hall, Thomas Chabot, Aurélien Pisseloup, C. Cox, A., Zarkesh, A. Mafficini, N. Vinkoff, K. Bashford, Cesar Bernal, François Chaumette, Alexandre Pollini, and Willem H. Steyn. "The Active Space Debris Removal Mission RemoveDebris. Part 2: In Orbit Operations." *Acta Astronautica* 168 (2020): 310–322. <https://doi.org/10.1016/j.actaastro.2019.09.001>.
- Ajani, Judith I., Heather Keith, Margaret Blakers, Brendan G. Mackey, and Helen P. King. "Comprehensive Carbon Stock and Flow Accounting: A National Framework to Support Climate Change Mitigation Policy." *Ecological Economics* 89 (2013): 61–72. <https://doi.org/10.1016/j.ecolecon.2013.01.010>.
- Allison, Elizabeth. "Deity Citadels: Sacred Sites of Bio-Cultural Resistance and Resilience in Bhutan." *Religions* 10 (2019): 268. <https://doi.org/10.3390/rel10040268>.
- Arnould, Jacques. *Icarus' Second Chance: The Basis and Perspectives of Space Ethics*. New York: Springer, 2011.
- Arnould, Jacques and André Debus. "An Ethical Approach to Planetary Protection." *Advances in Space Research* 42 (2008): 1089–1095.
- Arvidson, Raymond E. and Jeffrey G. Catalano. "Martian Habitability as Inferred from Landed Mission Observations." In *From Habitability to Life on Mars*, edited by Nathalie A. Cabrol and Edmond A. Grin, 88–91. Amsterdam: Elsevier, 2018.
- Australian Earth Laws Alliance. "Declaration of the Rights of the Moon." Accessed February 13, 2021. <https://www.earthlaws.org.au/moon-declaration/>.
- Aveni, Anthony. *Stairways to the Stars: Skywatching in Three Great Ancient Cultures*. New York: John Wiley and Sons, 1997.
- Balmford, Andrew. *Wild Hope: On the Front Lines of Conservation Success*. Chicago, IL: University of Chicago Press, 2012.
- Barbour, Ian. *Religion in an Age of Science*. San Francisco: Harper San Francisco, 1990.

- Bedau, Mark A. and Mark Triant. "Social and Ethical Implications of Creating Artificial Cells." In *Encountering Life*, edited by Chris Impey, Anna H. Spitz, and William Stoeger, 120–140. Tucson: University of Arizona Press, 2013.
- Beech, Martin. *Terraforming: The Creating of Habitable Worlds*. New York: Springer, 2009.
- Berthier, François. "Reading Zen in the Rocks: The Japanese Dry Landscape Garden." In *Reading Zen in the Rocks*, translated by Graham Parkes, 1–77. Chicago, IL: University of Chicago Press, 2000.
- Bertka, Constance M., ed. *Exploring the Origin, Extent, and Future of Life: Philosophical, Ethical, and Theological Perspectives*. Cambridge: Cambridge University Press, 2009.
- Billings, Linda. "Earth, Life, Space: The Social Construction of the Biosphere and the Expansion of the Concept into Outer Space." In *Social and Conceptual Issues in Astrobiology*, edited by Kelly C. Smith and Carlos Mariscal, 239–262. New York: Oxford University Press, 2020.
- Bishop, Janice L. "Remote Detection of Phyllosilicates on Mars and Implications for Climate and Habitability." In *From Habitability to Life on Mars*, edited by Nathalie A. Cabrol and Edmond A. Grin, 37–75. Amsterdam: Elsevier, 2018.
- Bodhi, Bhikkhu, trans. *The Connected Discourses of the Buddha, Vol. 1*. Boston: Wisdom Publications, 2000.
- . *The Numerical Discourses of the Buddha*. Boston: Wisdom Publications, 2012.
- Bond, George D. *Buddhism at Work: Community Development, Social Empowerment and the Sarvodaya Movement*. Bloomfield: Kumarian Press, 2004.
- Boston, Penelope J. and Steven Dubowsky. "Hopping Microbot Access to Subsurface (Cave) and Rugged Terrain on Mars and Hazardous Extreme Earth Astrobiology Sites." American Geophysical Union, Fall Meeting 2005, abstract id. P51D-0964.
- Brown, Lester R. *World on the Edge: How to Prevent Environmental and Economic Collapse*. New York: W. W. Norton, 2011.
- Brown, M. K., H. G. Lewis, A. J. Kavanagh, and I. Cnossen. "Future Decreases in Thermospheric Neutral Density in Low Earth Orbit due to Carbon Dioxide Emissions." *Journal of Geophysical Research: Atmospheres* 126 (2021): e2021JD034589. <https://doi.org/10.1029/2021JD034589>.
- Brunner, Bernd. *Moon: A Brief History*. New Haven, CT: Yale University Press, 2010.
- Burgess, Ebenezer, trans. *Translation of the Sūrya Siddhānta: A Text-book of Hindu Astronomy*. Elibron.com: Elibron, 2005.
- Cabezón, José Ignacio. "Buddhism and Science: On the Nature of the Dialogue." In *Buddhism and Science: Breaking New Ground*, edited by B. Alan Wallace, 35–68. New York: Columbia University Press, 2003.
- Cabrol, Nathalie A. and Edmond A. Grin, eds. *From Habitability to Life on Mars*. Amsterdam: Elsevier, 2018.
- Cabrol, Nathalie A., Edmond A. Grin, Pierre Zippi, Nora Noffke, and Diane Winter. "Evolution of Altiplanic Lakes at the Pleistocene/Holocene Transition: A Window into Early Mars Declining Habitability, Changing Habitats, and Biosignatures." In

- From Habitability to Life on Mars*, edited by Nathalie A. Cabrol and Edmond A. Grin, 153–177. Amsterdam: Elsevier, 2018.
- Cady, Sherry L., John R. Skok, Virginia G. Gulick, Jeff A. Berger, and Nancy W. Hinman. “Siliceous Hot Spring Deposits: Why They Remain Key Astrobiological Targets.” In *From Habitability to Life on Mars*, edited by Nathalie A. Cabrol and Edmond A. Grin, 179–210. Amsterdam: Elsevier, 2018.
- Capelotti, P. J. *The Human Archaeology of Space: Lunar, Planetary and Interstellar Relics of Exploration*. Jefferson, NC: McFarland, 2010.
- Capper, Daniel. “Learning Love from a Tiger: Approaches to Nature in an American Buddhist Monastery.” *Journal of Contemporary Religion* 30, no. 1 (2015): 55–71. <https://doi.org/10.1080/13537903.2015.986976>.
- . “Animism among Western Buddhists.” *Contemporary Buddhism* 17, no. 1 (2016): 30–48. <https://doi.org/10.1080/14639947.2016.1189130>.
- . *Learning Love from a Tiger: Religious Experiences with Nature*. Oakland: University of California Press, 2016.
- . “Preserving Mars Today using Baseline Ecologies.” *Space Policy* 49 (2019): 101325. <https://doi.org/10.1016/j.spacepol.2019.05.003>.
- . “Intrinsic Value, American Buddhism, and Potential Life on Saturn’s Moon Titan.” In *Astrobiology: Science, Ethics, and Public Policy*, edited by Ted Peters, Octavio Chon Torres, Richard Gordon, and Joseph Seckbach, 357–372. New York: Wiley, 2021.
- . “What Should We Do with Our Moon? Ethics and Policy for Establishing Multiuse Lunar Land Reserves.” *Space Policy* (2021): 101462. <https://doi.org/10.1016/j.spacepol.2021.101462>.
- . *Roaming Free like a Deer: Buddhism and the Natural World*. Ithaca: Cornell University Press, 2022.
- Chaikin, Andrew. *A Man on the Moon: The Voyages of the Apollo Astronauts*. New York: Penguin Books, 2007.
- Chapple, Christopher Key. *Nonviolence to Animals, Earth, and Self in Asian Traditions*. Albany: State University of New York Press, 1993.
- Chaves, Mark. *American Religion: Contemporary Trends*. Princeton, NJ: Princeton University Press, 2017.
- Chon-Torres, Octavio A., Julio César Ramos Ramírez, Fernando Hoyos Rengifo, Rosana Aurora Choy Vessoni, Ivan Sergio Laura, Félix Germán Alfonso Ríos-Ruiz, César André Murga-Moreno, José Percy Leonel Alvarado Pino, and Ximena Yance-Morales. “Attitudes and Perceptions towards the Scientific Search for Extraterrestrial Life among Students of Public and Private Universities in Peru.” *International Journal of Astrobiology* (2020): 1–9. <https://doi.org/10.1017/S1473550420000130>.
- Chu, Alan, Storm Dunlop, Mario Weigand, and Wolfgang Paech. *The Cambridge Photographic Moon Atlas*. New York: Cambridge University Press, 2012.
- Cockell, Charles S. *Space on Earth: Saving Our World by Seeking Others*. London: Macmillan, 2007.
- . “The Ethical Status of Microbial Life on Earth and Elsewhere.” In *The Ethics of Space Exploration*, edited by James S. J. Schwartz and Tony Milligan, 167–179. Cham: Springer, 2016.

- Cockell, Charles S. and Gerda Horneck. "A Planetary Park System for Mars." *Space Policy* 20 (2004): 291–295. <https://doi.org/10.1016/j.spacepol.2004.08.003>.
- . "Planetary Parks—Formulating a Wilderness Policy for Planetary Bodies." *Space Policy* 22 (2006): 256–261. <https://doi.org/10.1016/j.spacepol.2006.08.006>.
- Combe, G. A. *A Tibetan on Tibet*. London: T. Fisher Unwin, 1926.
- Committee on the Peaceful Uses of Outer Space. "Guidelines for the Long-Term Sustainability of Outer Space Activities." February 2019. Accessed October 24, 2020. <https://www.unoosa.org/oosa/en/ourwork/topics/long-term-sustainability-of-outer-space-activities.html>.
- Cooper, David E. and Simon P. James. *Buddhism, Virtue, and Environment*. Aldershot: Ashgate, 2005.
- Costenis, Athena and Thérèse Encrenaz. *Life Beyond Earth: The Search for Habitable Worlds in the Universe*. Cambridge: Cambridge University Press, 2013.
- Cowell, E. B., ed. *The Jātaka, vol. 1*. Cambridge: Cambridge University Press, 1895.
- . *The Jātaka, vol. 3*. Cambridge: Cambridge University Press, 1897.
- Crawford, Ian A. "Lunar Resources: A Review." *Progress in Physical Geography* 39, no. 2 (2015): 137–167. <https://doi.org/10.1177/0309133314567585>.
- Crofts, Roger, John E. Gordon, José Brilha, Murray Gray, John Gunn, Jonathan Larwood, Vincent L. Santucci, Daniel Tormey, and Graeme L. Worboys. *Guidelines for Geoconservation in Protected and Conserved Areas*. Gland: IUCN, 2020.
- Dalai Lama. *The Universe in a Single Atom: The Convergence of Science and Spirituality*. New York: Broadway Books, 2005.
- Dalai Lama and Franz Alt. *Our Only Home: A Climate Appeal to the World*. Munich: Benevento Publishing.
- Daly, Erin Moore and Robert Frodeman. "Separated at Birth, Signs of Rapprochement: Environmental Ethics and Space Exploration." *Ethics and the Environment* 13, no. 1 (2008): 140. <https://www.jstor.org/stable/40339152>.
- Darlington, Susan M. "Buddhist Integration of Forest and Farm in Northern Thailand." *Religions* 10 (2019): 521. <https://doi.org/10.3390/re110090521>.
- Dator, James A. *Social Foundations of Human Space Exploration*. New York: Springer, 2012.
- Davenport, Christian. *The Space Barons: Elon Musk, Jeff Bezos, and the Quest to Colonize the Cosmos*. New York: PublicAffairs, 2018.
- David, Leonard. "Moon Group Pushes for Protection of Ultraquiet Lunar Far Side." *Space.com*. Accessed November 3, 2022. <https://www.space.com/moon-far-side-radio-quiet-telescope-project>.
- Davies, Paul. *The Goldilocks Enigma: Why is the Universe Just Right for Life?* Boston: Houghton Mifflin, 2006.
- Denzler, Brenda. *The Lure of the Edge: Scientific Passions, Religious Beliefs, and the Pursuit of UFOs*. Berkeley: University of California Press, 2001.
- Deudney, Daniel. *Dark Skies: Space Expansionism, Planetary Geopolitics, and the Ends of Humanity*. Oxford: Oxford University Press, 2020.
- Dick, Steven J., ed. *The Impact of Discovering Life Beyond Earth*. Cambridge: Cambridge University Press, 2015.

- Di Pippo, Simonetta. "The Contribution of Space for a More Sustainable Earth: Leveraging Space to Achieve the Sustainable Development Goals." *Global Sustainability* 2 (2019): e3. <https://doi.org/10.1017/sus.2018.17>.
- Dunne, John and Daniel Goleman, eds. *Ecology, Ethics, and Interdependence: The Dalai Lama in Conversation with Leading Thinkers on Climate Change*. Somerville: Wisdom Publications, 2018.
- Ecklund, Elaine Howard, David R. Johnson, Brandon Vaidyanathan, Kirstin R. W. Matthews, Steven W. Lewis, Robert A. Thomson Jr., and Di Di. *Secularity and Science: What Scientists around the World Really Think about Religion*. New York: Oxford University Press, 2019.
- Eisen, Arri and Yungdrung Konchok. *The Enlightened Gene: Biology, Buddhism, and the Convergence that Explains the World*. Lebanon: ForeEdge, 2018.
- Ekvall, Robert B. *Fields on the Hoof: Nexus of Tibetan Nomadic Pastoralism*. Prospect Heights: Waveland Press, 1983.
- Eliade, Mircea. *Patterns in Comparative Religion*. New York: New American Library, 1958.
- Elvis, Martin. *Asteroids: How Love, Fear, and Greed Will Determine Our Future in Space*. New Haven, CT: Yale University Press, 2021.
- Elvis, Martin, Alanna Krolikowski, and Tony Milligan. "Concentrated Lunar Resources: Imminent Implications for Governance and Justice." *Philosophical Transactions of the Royal Society A* 379 (2021): 20190563. <http://dx.doi.org/10.1098/rsta.2019.0563>.
- European Space Agency. "Space Sustainability Rating to Shine Light on Debris Problem." Accessed June 21, 2021. https://www.esa.int/Safety_Security/Space_Debris/Space_sustainability_rating_to_shine_light_on_debris_problem.
- Foltz, Richard C. *Animals in Islamic Tradition and Muslim Cultures*. Oxford: OneWorld Publications, 2006.
- Fratini, Emiliano and Roberto Amendola. "Caves and Other Subsurface Environments in the Future Exploration of Mars: The Absence of Natural Background Radiation as Biology Concern." *Rendiconti Lincei* 25 (2014): 91–96. <https://doi.org/10.1007/s12210-013-0270-0>.
- Fronsdal, Gil. *The Dhammapada*. Boston: Shambhala, 2006.
- Gkolas, Ioannis. "Review of Analytic Modeling of the Long-Term Evolution of Orbital Debris." In *Asteroid and Space Debris Manipulation: Advances from the Stardust Research Network*, edited by Massimiliano Vasile and Edmondo Minisci, 29–48. Reston, VA: American Institute of Aeronautics and Astronautics, 2016.
- Gorman, Alice. "Heritage of Earth Orbit: Orbital Debris-Its Mitigation and Cultural Heritage." In *Handbook of Space Engineering, Archaeology, and Heritage*, edited by Ann Garrison Darrin and Beth Laura O'Leary, 381–398. Boca Raton, FL: Taylor and Francis Group, 2009.
- . *Dr. Space Junk vs. the Universe: Archaeology and the Future*. Cambridge, MA: MIT Press, 2019.
- Gould, Stephen Jay. *Rocks of Ages: Science and Religion in the Fullness of Life*. New York: Ballantine Books, 1999.

- Gray, Murray. *Geodiversity: Valuing and Conserving Abiotic Nature*. West Sussex: John Wiley and Sons, 2004.
- Green, Brian Patrick. "Convergences in the Ethics of Space Exploration." In *Social and Conceptual Issues in Astrobiology*, edited by Kelly C. Smith and Carlos Mariscal, 179–196. New York: Oxford University Press, 2020.
- . *Space Ethics*. Lanham, MD: Rowman & Littlefield, 2021.
- Gyatso, Khedrup Norsang. *Ornament of Stainless Light: An Exposition of the Kālacakra Tantra*. Translated by Gavin Kilty. Boston: Wisdom Publications, 2004.
- Han, Chenxing. "Diverse Practices and Flexible Beliefs among Young Adult Asian American Buddhists." *Journal of Global Buddhism* 18 (2017): 1–24. <http://dx.doi.org/10.5281/zenodo.1247854>.
- Hargrove, Eugene C., ed. *Beyond Spaceship Earth: Environmental Ethics and the Solar System*. San Francisco: Sierra Club Books, 1986.
- Harris, Ian. "Attitudes to Nature." In *Buddhism*, edited by Peter Harvey, 235–256. London: Continuum, 2001.
- . "'A Vast Unsupervised Recycling Plant': Animals and the Buddhist Cosmos." In *A Communion of Subjects: Animals in Religion, Science, and Ethics*, edited by Paul Waldau and Kimberly Patton, 207–217. New York: Columbia University Press, 2006.
- . "Landscape Aesthetics and Environmentalism: Some Observations on the Representations of Nature in Buddhist and Western Art." *Contemporary Buddhism* 8, no. 2 (2007): 149–168. <https://doi.org/10.1080/14639940701636125>.
- Harrod, Howard L. *The Animals Came Dancing: Native American Sacred Ecology and Animal Kinship*. Tucson: University of Arizona Press, 2000.
- Harvey, Brian, Henk H. F. Smid, and Théo Pirard. *Emerging Space Powers: The New Space Programs of Asia, the Middle East, and South America*. Chichester: Praxis Publishing, 2010.
- Hasenkamp, Wendy and Janna R. White, eds. *The Monastery and the Microscope: Conversations with the Dalai Lama on Mind, Mindfulness, and the Nature of Reality*. New Haven, CT: Yale University Press, 2017.
- Hathaway, Jennifer J. Marshall, Matthew G. Garcia, Monica Moya Balasch, Michael N. Spilde, Fred D. Stone, Maria De Lurdes N. E. Dapkevicius, Isabel R. Amorim, Rosalina Gabriel, Paulo A. V. Borges, and Diana E. Northup. "Comparison of Bacterial Diversity in Azorean and Hawai'iian Lava Cave Microbial Mats." *Geomicrobiology Journal* 31, no. 3 (2014): 205–220. <https://doi.org/10.1080/01490451.2013.777491>.
- Hawkes, David, trans. *The Songs of the South: An Ancient Chinese Anthology of Poems by Qu Yuan and Other Poets*. London: Penguin Classics, 2011.
- Hendry, Joy. "Nature Tamed: Gardens as a Microcosm of Japan's View of the World." In *Japanese Images of Nature: Cultural Perspectives*, edited by Pamela J. Asquith and Arne Kalland, 83–105. Richmond: Curzon, 1997.
- Hickey, Wakoh Shannon. "Two Buddhisms, Three Buddhisms, and Racism." *Journal of Global Buddhism* 11 (2010): 1–25.
- Hobgood-Oster, Laura. *Holy Dogs and Asses: Animals in the Christian Tradition*. Urbana: University of Illinois Press, 2008.

- Holder, John J. "A Suffering (But Not Irreparable) Nature: Environmental Ethics from the Perspective of Early Buddhism." *Contemporary Buddhism* 8, no. 2 (2007): 113–130. <https://doi.org/10.1080/14639940701636091>.
- Horner, I. B., trans. *The Book of the Discipline*. Oxford: SuttaCentral, 2014.
- Impey, Chris, Anna H. Spitz, and William Stoeger, eds. *Encountering Life in the Universe: Ethical Foundations and Social Implications of Astrobiology*. Tucson: University of Arizona Press, 2013.
- Inter-Agency Space Debris Coordination Committee. *IADC Space Debris Mitigation Guidelines IADC-02-01 Rev. 3*. New York: IADC, 2021. Accessed June 21, 2021. https://iadc-home.org/documents_public/file_down/id/5249.
- Iqbal, Muzaffar. "Islamic Theology Meets ETI." In *Astrotheology: Science and Theology Meet Extraterrestrial Life*, edited by Ted Peters, 216–227. Eugene, OR: Cascade Books, 2018.
- Irudayadason, Nishant Alphonse. "The Wonder Called Cosmic Oneness: Toward Astroethics from Hindu and Buddhist Wisdom and Worldviews." In *Encountering Life*, edited by Chris Impey, Anna H. Spitz, and William Stoeger, 94–119. Tucson: University of Arizona Press, 2013.
- Irwin, James B. *More than Earthlings*. Nashville: Broadman Press, 1983.
- Jakosky, Bruce M. and Christopher S. Edwards. "Inventory of CO₂ Available for Terraforming Mars." *Nature Astronomy* 638, no. 2 (2018): 634–639. <https://doi.org/10.1038/s41550-018-0529-6>.
- James, Simon. *Zen Buddhism and Environmental Ethics*. Aldershot: Ashgate, 2004.
- Jammer, Max. *Einstein and Religion*. Princeton, NJ: Princeton University Press, 1999.
- Jankovic, Marko and Jan Paul. "Robotic Active Debris Removal and On-orbit Servicing." In *Asteroid and Space Debris Manipulation: Advances from the Stardust Research Network*, edited by Massimiliano Vasile and Edmondo Minisci, 329–371. Reston, VA: American Institute of Aeronautics and Astronautics, 2016.
- Jianqiang, Liu. *Tibetan Environmentalists in China: The King of Dzi*. Translated by Ian Rowen, Cyrus K. Hui, and Emily T. Yeh. Lanham, MD: Lexington Books, 2015.
- Kak, Subhash. "Birth and Early Development of Indian Astronomy." In *Astronomy across Cultures: The History of Non-Western Astronomy*, edited by Helaine Selin, 303–340. Dordrecht: Springer-Science+Business Media, B.V., 2000.
- Kanas, Nick. "Spirituality, Humanism, and the Overview Effect during Manned Space Missions." *Acta Astronautica* 166 (2020): 525–528. <https://doi.org/10.1016/j.actaastro.2018.08.004>.
- Kapleau, Philip. *To Cherish All Life: A Buddhist Case for Becoming Vegetarian*. Rochester: The Zen Center, 1986.
- Keene, Donald, trans. "Taketori Monogatari." In *Traditional Japanese Literature: An Anthology, Beginnings to 1600*, edited by Haruo Shirane, 169–184. New York: Columbia University Press, 2007.
- Keown, Damien. *Buddhism and Bioethics*. New York: Palgrave, 2001.
- Kessler, Donald J., Nicholas L. Johnson, J.-C. Liou, and Mark Matney. "The Kessler Syndrome: Implications to Future Space Operations." 33rd Annual American Astronautical Society Guidance and Control Conference, February 10, 2010.

- Khoroché, Peter, trans. *Once the Buddha Was a Monkey: Ārya Śūra's Jātakamālā*. Chicago, IL: University of Chicago Press, 1989.
- Klinger, Julie Michelle. *Rare Earth Frontiers: From Terrestrial Subsoils to Lunar Landscapes*. Ithaca, NY: Cornell University Press, 2017.
- Klinkrad, Heiner. *Space Debris: Models and Risk Analysis*. Chichester: Praxis Publishing, 2006.
- Koizumi, Tetsunori. "The Noble Eightfold Path as a Prescription for Sustainable Living." In *How Much Is Enough? Buddhism, Consumerism, and the Human Environment*, edited by Richard K. Payne, 133–145. Somerville: Wisdom Publications, 2010.
- Kramer, William R. "Colonizing Mars—An Opportunity for Reconsidering Bioethical Standards and Obligations to Future Generations." *Futures* 43 (2011): 545–551. <https://doi.org/10.1016/j.futures.2011.02.006>.
- . "Extraterrestrial Environmental Impact Assessments—A Foreseeable Prerequisite for Wise Decisions Regarding Outer Space Exploration, Research and Development." *Space Policy* 30 (2014): 215–222. <https://doi.org/10.1016/j.spacepol.2014.07.001>.
- . "In Dreams Begin Responsibilities—Environmental Impact Assessment and Outer Space Development." *Environmental Practice* 19, no. 3 (2017): 128–138. <https://doi.org/10.1080/14660466.2017.1338874>.
- . "A Framework for Extraterrestrial Environmental Assessment." *Space Policy* 53 (2020): 101385. <https://doi.org/10.1016/j.spacepol.2020.101385>.
- Leopold, Aldo. *A Sand County Almanac and Other Writings on Ecology and Conservation*. Edited by Curt Meine. New York: The Library of America, 2013.
- Lewis, C. S. *Christian Reflections*. Grand Rapids: William B. Eerdmans, 1967.
- Lewis, John S. *Mining the Sky: Untold Riches from the Asteroids, Comets, and Planets*. New York: Basic Books, 1996.
- Liou, J.-C. and Nicholas L. Johnson. "Instability of the Present LEO Satellite Populations." *Advances in Space Research* 41 (2008): 1051. <https://doi.org/10.1016/j.asr.2007.04.081>.
- Lopez, Donald S., Jr. *Buddhism and Science: A Guide for the Perplexed*. Chicago, IL: University of Chicago Press, 2008.
- Losch, Andreas. "Planetary Sustainability: Transitions of an Idea." *International Journal of Astrobiology* 18 (2019): 592–594. <https://doi.org/10.1017/S147355041900003X>.
- Lovejoy, Arthur O. *The Great Chain of Being: A Study of the History of an Idea*. Cambridge, MA: Harvard University Press, 1976.
- Loy, David R. *Ecodharma: Buddhist Teachings for the Ecological Crisis*. Somerville: Wisdom Publications, 2018.
- Lupisella, Mark. "Cosmological Theories of Value: Relationalism and Connectedness as Foundations for Cosmic Creativity." In *The Ethics of Space Exploration*, edited by James S. J. Schwartz and Tony Milligan, 75–91. Cham: Springer, 2016.
- Major, John S., trans. *Heaven and Earth in Early Han Thought: Chapters Three, Four, and Five of the Huainanzi*. Albany: State University of New York Press, 1993.

- Mansfield, Victor. "Time and Impermanence in Middle Way Buddhism and Modern Physics." In *Buddhism and Science: Breaking New Ground*, edited by B. Alan Wallace, 305–321. New York: Columbia University Press, 2003.
- Mark, C. Priyant and Surekha Kamath. "Review of Active Space Debris Removal Methods." *Space Policy* 47 (2019): 194e206. <https://doi.org/10.1016/j.spacepol.2018.12.005>.
- Marshall, Alan. "Ethics and the Extraterrestrial Environment." *Journal of Applied Philosophy* 10 (1993): 227–236. <https://doi.org/10.1111/j.1468-5930.1993.tb00078.x>.
- McCormick, Andrew J. "Buddhist Ethics and End-of-Life Care Decisions." *Journal of Social Work in End-Of-Life and Palliative Care* 9 (2013): 209–225. <https://doi.org/10.1080/15524256.2013.794060>.
- McEwen, Alfred S. "Are Recurring Slope Linnea Habitable?" In *From Habitability to Life on Mars*, edited by Nathalie A. Cabrol and Edmond A. Grin, 249–274. Amsterdam: Elsevier, 2018.
- McKay, Christopher P. "Planetary Ecosynthesis on Mars: Restoration Ecology and Environmental Ethics." In *Exploring the Origin, Extent, and Future of Life: Philosophical, Ethical, and Theological Perspectives*, edited by Constance M. Bertka, 245–260. Cambridge: Cambridge University Press, 2009.
- . "Astroethics and the Terraforming of Mars." In *Astrotheology: Science and Theology Meet Extraterrestrial Life*, edited by Ted Peters, 381–390. Eugene, OR: Cascade Books, 2018.
- McMahon, Sean. "The Aesthetic Objection to Terraforming Mars." In *The Ethics of Space Exploration*, edited by James S. J. Schwartz and Tony Milligan, 209–218. Cham: Springer, 2016.
- Milbrath, Susan. *Star Gods of the Maya: Astronomy in Art, Folklore, and Calendars*. Austin: University of Texas Press, 1999.
- Milligan, Tony. *Nobody Owns the Moon: The Ethics of Space Exploitation*. Jefferson, NC: McFarland, 2015.
- . "Valuing Humans and Valuing Places: 'Integrity' and the Preferred Terminology for Geoethics." *Geosciences* 8 (2018): 25. <https://doi.org/10.3390/geosciences8010025>.
- Mitchell, Edgar. *The Way of the Explorer: An Apollo Astronaut's Journey through the Material and Mystical Worlds*. New York: G. P. Putnam's Sons, 1996.
- Mitchell, Scott A. *Buddhism in America: Global Religion, Local Contexts*. London: Bloomsbury, 2016.
- Moltz, James Clay. *The Politics of Space Security: Strategic Restraint and the Pursuit of National Interests*. Stanford: Stanford University Press, 2019.
- Morton, Oliver. *The Planet Remade: How Geoengineering Could Change the World*. Princeton, NJ: Princeton University Press, 2015.
- Nair, Kiran Krishnan. *Small Satellites and Sustainable Development: Solutions in International Space Law*. Cham: Springer, 2019.
- NASA. *Artemis: Humanity's Return to the Moon*. Washington, DC: NASA, 2019. Accessed February 5, 2020. <https://www.nasa.gov/specials/artemis>.

- . *Artemis Plan: NASA's Lunar Exploration Program Overview*. Washington, DC: NASA, 2020. Accessed October 5, 2020. https://www.nasa.gov/sites/default/files/atoms/files/artemis_plan-20200921.pdf.
- Nattier, Jan. "Who Is a Buddhist? Charting the Landscape of Buddhist America." In *The Faces of Buddhism in America*, edited by Charles S. Prebish and Kenneth K. Tanaka, 183–195. Berkeley: University of California Press, 1998.
- Nelson, Walter Henry. *Buddha*. New York: Jeremy P. Tharcher, 1996.
- Newman, Christopher J. "Seeking Tranquillity: Embedding Sustainability in Lunar Exploration Policy." *Space Policy* 33 (2015): 29–37. <https://doi.org/10.1016/j.spacepol.2015.05.003>.
- . "Unnatural Selection or the Best of Both Worlds? The Legal and Regulatory Ramifications of the Discovery of Alien Life." In *Social and Conceptual Issues in Astrobiology*, edited by Kelly C. Smith and Carlos Mariscal, 288–305. New York: Oxford University Press, 2020.
- Nhat Hanh, Thich. *Being Peace*. Berkeley: Parallax Press, 1987.
- . *The Diamond That Cuts Through Illusion: Commentaries on the Prajñāparamitā Diamond Sutra*. Berkeley: Parallax Press, 1992.
- . *The World We Have*. Berkeley: Parallax Press, 2008.
- Norman, K. R., trans. *The Group of Discourses (Sutta-Nipāta)*. Oxford: Pāli Text Society, 2001.
- Nyanasobhano, Bhikkhu. *Landscapes of Wonder: Discovering Buddhist Dhamma in the World Around Us*. Boston: Wisdom Publications, 1998.
- Onstott, Tullis C. *Deep Life: The Hunt for the Hidden Biology of Earth, Mars, and Beyond*. Princeton, NJ: Princeton University Press, 2017.
- Paige, David A. "Ancient Mars: Wet in Many Places." *Science* 307, no. 5715 (2005): 1575–1576. <https://doi.org/10.1126/science.1110530>.
- Parks, Lisa. "When Satellites Fall: On the Trails of Cosmos 954 and USA 193." In *Down to Earth: Satellite Technologies, Industries, and Cultures*, edited by Lisa Parks and James Schwoch, 221–237. New Brunswick, NJ: Rutgers University Press, 2012.
- Paulka, D. W. *American Cosmic: UFOs, Religion, and Technology*. New York: Oxford University Press, 2019.
- Payne, Richard K., ed. *Secularizing Buddhism: New Perspectives on a Dynamic Tradition*. Boulder: Shambhala, 2021.
- Pellow, David Naguib. *Total Liberation: The Power and Promise of Animal Rights and the Radical Earth Movement*. Minneapolis: University of Minnesota Press, 2014.
- Peters, Ted. *UFOs-God's Chariots? Flying Saucers in Politics, Science, and Religion*. Atlanta: John Knox Press, 1977.
- , ed. *Astrotheology: Science and Theology Meet Extraterrestrial Life*. Eugene, OR: Cascade Books, 2018.
- Pew Research Center. *Religion and Science*. Accessed March 21, 2018. <https://www.pewresearch.org/science/2015/10/22/science-and-religion/>.
- Plutarch. *On the Face which Appears on the Orb of the Moon*. Translated by A. O. Prickard. Winchester: Warren and Son, 1911.

- Prebish, Charles S. *American Buddhism*. North Scituate: Duxbury Press, 1979.
- Prem, Parvathy, Dana M. Hurley, David B. Goldstein, and Philip L. Varghese. "The Evolution of a Spacecraft-Generated Lunar Exosphere." *Journal of Geophysical Research: Planets* 125 (2020): e2020JE006464. <https://doi.org/10.1029/2020JE006464>.
- Preston, Louisa. *Goldilocks and the Water Bears: The Search for Life in the Universe*. London: Bloomsbury, 2016.
- Pruden, Leo M., trans. *Abhidharmakośabhāṣyam of Vasubandhu, Vol. II*. Berkeley: Asian Humanities Press, 1988.
- Race, Margaret S. and Richard O. Randolph. "The Need for Operating Guidelines and a Decision Making Framework Applicable to the Discovery of Non-Intelligent Extraterrestrial Life." *Advances in Space Research* 30, no. 6 (2002): 1583–1591. [https://doi.org/10.1016/S0273-1177\(02\)00478-7](https://doi.org/10.1016/S0273-1177(02)00478-7).
- Ramzy, Austin. "Suining County, Where What Goes Up Often Comes Down." *New York Times* December 4, 2013. Accessed October 14, 2018. <https://sinosphere.blogs.nytimes.com/2013/12/04/debris-from-chinese-space-launch-damages-structures-in-rural-county/?searchResultPosition=1>.
- Randolph, Richard O. "God's Preferential Option for Life: A Christian Perspective on Astrobiology." In *Exploring the Origin, Extent, and Future of Life: Philosophical, Ethical, and Theological Perspectives*, edited by Constance M. Bertka, 281–302. Cambridge: Cambridge University Press, 2009.
- Rawls, Meredith L., Heidi B. Thiemann, Victor Chemin, Lucianne Walkowicz, Mike W. Peel, and Yan G. Grange. "Satellite Constellation Internet Affordability and Need." *Research Notes of the American Astronomical Society* 4 (2020): 189. <https://iopscience.iop.org/article/10.3847/2515-5172/abc48e>.
- Rees, Martin. *On the Future: Prospects for Humanity*. Princeton, NJ: Princeton University Press, 2018.
- Ricard, Matthieu. *A Plea for the Animals: The Moral, Philosophical, and Evolutionary Imperative to Treat All Beings with Compassion*. Boulder: Shambhala, 2016.
- Ricard, Matthieu and Trinh Xuan Thuan. *The Quantum and the Lotus: A Journey to the Frontiers where Science and Buddhism Meet*. New York: Three Rivers Press, 2001.
- Rigopoulos, Ioannis, Anna L. Harrison, Andreas Delimitis, Ioannis Ioannou, Angelos M. Efstathiou, Theodora Kyratsi, and Eric H. Oelkers. "Carbon Sequestration via Enhanced Weathering of Peridotites and Basalts in Seawater." *Applied Geochemistry* 91 (2018): 197–207. <https://doi.org/10.1016/j.apgeochem.2017.11.001>.
- Rolston, Holmes, III. "The Preservation of Natural Value in the Solar System." In *Beyond Spaceship Earth: Environmental Ethics and the Solar System*, edited by Eugene C. Hargrove, 140–182. San Francisco: Sierra Club Books, 1986.
- Ross, Martin, Darin Toohey, Manfred Peinemann, and Patrick Ross. "Limits on the Space Launch Market Related to Stratospheric Ozone Depletion." *Astropolitics* 7 (2009): 50. <https://doi.org/10.1080/14777620902768867>.
- Ross, Martin N. and Patti M. Sheaffer. "Radiative Forcing Caused by Rocket Engine Emissions." *Earth's Future* 2 (2014): 177. <https://doi.org/10.1002/2013EF000160>.

- Rotman, Andy, trans. *Divine Stories (Divyāvadhāna Part 1)*. Boston: Wisdom Publications, 2008.
- Ryder, Arthur W., trans. *The Panchatantra*. Chicago: University of Chicago Press, 1956.
- Sagan, Carl. *Cosmos*. New York: Ballantine Books, 1980.
- Samuelson, Norbert M. "Jewish Theology Meets the Alien." In *Astrotheology: Science and Theology Meet Extraterrestrial Life*, edited by Ted Peters, 208–215. Eugene, OR: Cascade Books, 2018.
- Sargeant, Winthrop, trans. *The Bhagavad Gītā*. Edited by Christopher Key Chapple. Albany: State University of New York Press, 2009.
- Schmitt, Harrison H. *Return to the Moon: Exploration, Enterprise, and Energy in the Human Settlement in Space*. New York: Praxis, 2006.
- Schrunk, David, Burton Sharpe, Bonnie Cooper, and Madhu Thangavelu. *The Moon: Resources, Future Development, and Settlement*. Chichester: Praxis Publishing, 2008.
- Schwartz, James S. J. "On the Moral Permissibility of Terraforming." *Ethics and the Environment* 18, no. 2 (2013): 1–31. <https://www.jstor.org/stable/10.2979/ethicsenviro.18.2.1>.
- . "Fairness as a Moral Grounding for Space Policy." In *The Meaning of Liberty Beyond Earth*, edited by Charles S. Cockell, 69–89. Cham: Springer, 2014.
- . "On the Methodology of Space Ethics." In *The Ethics of Space Exploration*, edited by James S. J. Schwartz and Tony Milligan, 93–107. Cham: Springer, 2016.
- . *The Value of Science in Space Exploration*. New York: Oxford University Press, 2020.
- Schwartz, James S. J. and Tony Milligan, eds. *The Ethics of Space Exploration*. Cham: Springer, 2016.
- Seager, Richard H. *Buddhism in America*. New York: Columbia University Press, 1999.
- Shantideva. *The Bodhicaryāvatāra*. Translated by Andrew Skilton and Kate Crosby. Oxford: Oxford University Press, 1995.
- Sharpe, Burton L. and David G. Schrunk. "Malapert Mountain: Gateway to the Moon." *Advances in Space Research* 31, no. 11 (2003): 2467–2472. [https://doi.org/10.1016/S0273-1177\(03\)00535-0](https://doi.org/10.1016/S0273-1177(03)00535-0).
- Shostak, Seth. "Current Approaches to Finding Life beyond Earth, and What Happens If We Do." In *The Impact of Discovering Life Beyond Earth*, edited by Steven J. Dick, 9–22. Cambridge: Cambridge University Press, 2015.
- Smith, Kelly C. "The Trouble with Intrinsic Value: An Ethical Primer for Astrobiology." In *Exploring the Origin, Extent, and Future of Life: Philosophical, Ethical, and Theological Perspectives*, edited by Constance M. Bertka, 261–280. Cambridge: Cambridge University Press, 2009.
- Smith, Kelly C. and Carlos Mariscal, eds. *Social and Conceptual Issues in Astrobiology*. New York: Oxford University Press, 2020.
- Spencer, Anne C. "Diversification in the Buddhist Churches of America: Demographic Trends and Their Implications for the Future Study of U.S. Buddhist Groups."

- Journal of Global Buddhism* 15 (2014): 35–61. <http://dx.doi.org/10.1.1.670.7912-1>.
- Striber, Whitley and Jeffrey J. Kripal. *The Super Natural: Why the Unexplained Is Real*. New York: TarcherPerigee, 2017.
- Stubbe, Peter. *State Accountability for Space Debris: A Legal Study of Responsibility for Polluting the Space Environment and Liability for Damage Caused by Space Debris*. Leiden: Brill, 2017.
- Suzuki, Daisetz Teitaro. *The Lankavatara Sutra: A Mahayana Text*. London: Routledge and Kegan Paul, 1973.
- Taylor, Charles. *A Secular Age*. Cambridge, MA: Harvard University Press, 2007.
- Ṭhānissaro, Bhikkhu. *The Buddhist Monastic Code I and II*. Valley Center: Metta Forest Monastery, 2013.
- . *Bhikkhuni Pāṭimokkha*. Accessed March 11, 2019. <https://www.accesstoinsight.org/tipitaka/vin/sv/bhikkhuni-pati.html>.
- Thayé, Jamgön Kongtrul Lodrö. *The Treasury of Knowledge, Book One: Myriad Worlds*. Translated by Kalu Rinpoché Translation Group. Boulder: Snow Lion, 1995.
- Thera, Nyanaponika and Hellmuth Hecker. *Great Disciples of the Buddha*. Boston: Wisdom Publications, 2003.
- Traphagan, John W. and Julian W. Traphagan. “SETI in Non-Western Perspective.” In *The Impact of Discovering Life Beyond Earth*, edited by Steven J. Dick, 299–307. Cambridge: Cambridge University Press, 2015.
- Uhlir, Paul F. and William P. Bishop. “Wilderness and Space.” In *Beyond Spaceship Earth: Environmental Ethics and the Solar System*, edited by Eugene C. Hargrove, 183–210. San Francisco: Sierra Club Books, 1986.
- UNESCO. *A New Roadmap for the Man and the Biosphere (MAB) Programme and its World Network of Biosphere Reserves*. Paris: UNESCO, 2017.
- United Nations. *Continuity of the Work of the Committee on the Peaceful Uses of Outer Space and its Subsidiary Bodies*. New York: United Nations, 2020.
- Van Susante, P. J. “Study towards Construction and Operations of Large Lunar Telescopes.” *Advances in Space Research* 31, no. 11 (2003): 2479–2484. [https://doi.org/10.1016/S0273-1177\(03\)00563-5](https://doi.org/10.1016/S0273-1177(03)00563-5).
- Vasile, Massimiliano and Edmondo Minisci, eds. *Asteroid and Space Debris Manipulation: Advances from the Stardust Research Network*. Reston, VA: American Institute of Aeronautics and Astronautics, 2016.
- Vasiliev, A. P. *Radioactive and Toxic Waste from Decommissioning of Multipurpose Nuclear Submarines and Environmental Safety Assurance in the North-Western Region of Russia*. Vienna: International Atomic Energy Agency, 2003.
- Vertesi, Janet. *Seeing Like a Rover: How Robots, Teams, and Images Craft Knowledge of Mars*. Chicago: University of Chicago Press, 2015.
- Waldau, Paul. *The Specter of Speciesism: Buddhist and Christian Views of Animals*. Oxford: Oxford University Press, 2002.
- . *Animal Studies: An Introduction*. New York: Oxford University Press, 2013.
- Wall, Mike. “Elon Musk Floats ‘Nuke Mars’ Idea Again (He Has T-Shirts).” *Space.com*. August 17, 2019. Accessed September 14, 2019. <https://www.space.com/elon-musk-nuke-mars-terraforming.html>.

- Wallace, B. Alan, ed. *Buddhism and Science: Breaking New Ground*. New York: Columbia University Press, 2003.
- Walsh, Justin St. P. "Useful Ephemera: The Implications of Self-Destructing Space Technology for the Future Practice of Archaeology." In *Archaeology and Heritage of the Human Movement into Space*, edited by Beth Laura O'Leary and P. J. Capelotti, 75–90. Cham: Springer, 2015.
- Warde, Paul, Libby Robin, and Sverker Sörlin. *The Environment: A History of the Idea*. Baltimore: Johns Hopkins University Press, 2018.
- Weintraub, David A. *Life on Mars: What to Know before We Go*. Princeton, NJ: Princeton University Press, 2018.
- Westwood, Lisa, Beth O'Leary, and Milford Wayne Donaldson. *The Final Mission: Preserving NASA's Apollo Sites*. Gainesville: University Press of Florida, 2017.
- White, Frank. *The Overview Effect: Space Exploration and Human Evolution*. Reston, VA: American Institute of Aeronautics and Astronautics, 1998.
- Wilhelms, Don E. *The Geologic History of the Moon*. Washington, DC: United States Geological Survey, 1987. <https://doi.org/10.3133/pp1348>.
- Williamson, Mark. "Lunar Exploration and Development—A Sustainable Model." *Acta Astronautica* 57 (2005): 161–166. <https://doi.org/10.1016/j.actaastro.2005.02.002>.
- . *Space: The Fragile Frontier*. Reston, VA: American Institute of Aeronautics and Astronautics, 2006.
- Williford, Kenneth H., Kenneth A. Farley, Kathryn M. Stack, Abigail C. Allwood, David Beaty, Luther W. Beegle, Rohit Bhartia, Adrian J. Brown, Manuel de la Torre Juarez, Svein-Erik Hamran, Michael H. Hecht, Joel A. Hurowitz, Jose A. Rodriguez-Manfredi, Sylvestre Maurice, Sarah Milkovich, and Roger C. Wiens. "The NASA Mars 2020 Rover Mission and the Search for Extraterrestrial Life." In *From Habitability to Life on Mars*, edited by Nathalie A. Cabrol and Edmond A. Grin, 275–308. Amsterdam: Elsevier, 2018.
- Wilson, Jeff. "'A Dharma of Place': Evolving Aesthetics and Cultivating Community in an American Zen Garden." In *American Buddhism as a Way of Life*, edited by Gary Storhoff and John Whalen-Bridge, 195–208. Albany: State University of New York Press, 2010.
- . *Dixie Dharma: Inside a Buddhist Temple in the American South*. Chapel Hill: University of North Carolina Press, 2012.
- World Population Review. "World City Populations 2020." Accessed May 19, 2020. <https://worldpopulationreview.com/world-cities/>.
- Xu Yun. *Empty Cloud*. Worcester: Element Books, 1988.
- Yamasaki, Taikō. *Shingon: Japanese Esoteric Buddhism*. Boston: Shambhala, 1988.
- Yang, Lihui and Deming An. *Handbook of Chinese Mythology*. New York: Oxford University Press, 2005.
- Zajonc, Arthur. *The New Physics and Cosmology: Dialogues with the Dalai Lama*. New York: Oxford University Press, 2004.
- Zubrin, Robert. *The Case for Mars: The Plans to Settle the Red Planet and Why We Must*. London: Simon and Schuster, 1996.
- Zucchetti, Massimo and Fabrizio Aumento. "Accidents in Nuclear Powered Submarines and Their Effects on Environmental Marine Pollution." *Journal of Environmental Protection and Ecology* 7, no. 1 (2006): 176–185.