

Literatura*

Úvod / Co nás hřeje a co chladí? Energetická bilance Země

1. Prairie Y.T., Duarte C.M.: Direct and indirect metabolic CO₂ release by humanity, *Biogeosciences* 4 (2007) 215–217, doi [10.5194/bg-4-215-2007](https://doi.org/10.5194/bg-4-215-2007).
2. Williams S.N., Schaefer S.J., Calvache M.L., Lopez D.: Global carbon dioxide emission to the atmosphere by volcanoes, *Geochimica et Cosmochimica Acta* 56 (1992) 1765–1770, doi [10.1016/0016-7037\(92\)90243-C](https://doi.org/10.1016/0016-7037(92)90243-C).
3. Trenberth K.E.: Understanding climate change through Earth's energy flows, *Journal of the Royal Society of New Zealand* 50 (2020) 331–347, doi [10.1080/03036758.2020.1741404](https://doi.org/10.1080/03036758.2020.1741404).
4. Lüthi D., Le Floch M., Bereiter B. et al.: High-resolution carbon dioxide concentration record 650,000–800,000 years before present, *Nature* 453 (2008) 379–382, doi [10.1038/nature06949](https://doi.org/10.1038/nature06949).
5. Berger A., Mesinger F., Šijački D. (eds.): *Climate Change – Interfaces from Paleoclimate and Regional Aspects*, Springer-Verlag Wien 2012, ISBN [978-3-7091-0972-4](https://www.springer.com/978-3-7091-0972-4).
6. Kaufman D., McKay N., Routson C. et al.: Holocene global mean surface temperature, a multi-method reconstruction approach, *Scientific Data* 7 (2020) 201, doi [10.1038/s41597-020-0530-7](https://doi.org/10.1038/s41597-020-0530-7).

Co jsou „skleníkové plyny“? / Kam to spěje?

7. IPCC, 2013: *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Stocker, T.F., D. Qin, G.-K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex and P.M. Midgley (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. (<https://www.ipcc.ch/report/ar5/wg1/>)
8. Ramaswamy V. a kol., 2001: Radiative forcing of climate change, kapitola v knize Houghton J. T. a kol. (Ed.), *Climate Change 2001: The Scientific Basis*, Cambridge University Press, Cambridge. (<https://www.ipcc.ch/>)
9. Seinfeld J.H., Pandis S.N.: *Atmospheric Chemistry and Physics: From Air Pollution to Climate Change*, 2nd ed. 2006, Wiley-Interscience, ISBN [978-1-118-94740-1](https://www.wiley.com/978-1-118-94740-1).

Technologie CCS a CCU

10. Rackley S.A.: *Carbon Capture and Storage*, ISBN [978-1-85617-636-1](https://www.butterworth-heinemann.com/978-1-85617-636-1), Butterworth-Heinemann, Elsevier (2010).
11. Tucker O.: *Carbon Capture and Storage*, Shell International Petroleum Company Limited, Aberdeen, UK, IOP Publishing Ltd 2018, doi [10.1088/978-0-7503-1581-4](https://doi.org/10.1088/978-0-7503-1581-4)
12. Kothandaraman A.: *Carbon Dioxide Capture by Chemical Absorption, A Solvent Comparison Study*, disertační práce, Massachusetts Institute of Technology, USA, 2010 ([pdf soubor](#)).
13. *Developments and innovation in carbon dioxide (CO₂) capture and storage technology, Volume 1: Carbon dioxide (CO₂) capture, transport and industrial applications*, Ed. M.M. Maroto-Valer, Woodhead Publishing Limited and CRC Press LLC, 2010, ISBN [978-1-84569-533-0](https://www.woodheadpublishing.com/978-1-84569-533-0).
14. *Developments and innovation in carbon dioxide (CO₂) capture and storage technology Volume 2: Carbon dioxide (CO₂) storage and utilisation*, Ed. M.M. Maroto-Valer, Woodhead Publishing Limited and CRC Press LLC, 2010, ISBN [978-1-84569-533-0](https://www.woodheadpublishing.com/978-1-84569-533-0).

Skleníkové plyny ve formě hydrátů plynů – Zdroj energie či environmentální hrozba?

15. Sloan E.D., Koh C.A.: *Clathrate Hydrates of Natural Gases*, third ed., CRC Press, Taylor & Francis group, New York, 2008, ISBN [9780849390784](https://www.crcpress.com/9780849390784).
16. Jäger A., Vinš V., Span R., Hrubý J.: Model for gas hydrates applied to CCS systems part III. Results and implementation in TREND 2.0, *Fluid Phase Equilibria* 429 (2016) 55–66, doi [10.1016/j.fluid.2016.08.027](https://doi.org/10.1016/j.fluid.2016.08.027).
17. Boswell R., Collett T.S.: Current perspectives on gas hydrate resources, *Energy & Environmental Science* 4 (2011) 1206–1215, doi [10.1039/C0EE00203H](https://doi.org/10.1039/C0EE00203H).
18. Ruppel C.D., Kessler J.D.: The interaction of climate change and methane hydrates, *Reviews of Geophysics* 55 (2017) 126–168, doi [10.1002/2016RG000534](https://doi.org/10.1002/2016RG000534).
19. Zachos J.C., Dickens G.R., Zeebe R.E.: An early Cenozoic perspective on greenhouse warming and carbon-cycle dynamics, *Nature* 451 (2008) 279–283, doi [10.1038/nature06588](https://doi.org/10.1038/nature06588).

* Podklady ke kapitole *Mezinárodní dohody a legislativa ohledně skleníkových plynů* jsou volně dostupné na internetu