

## POUŽITÁ LITERATURA

- 1) **Alier, J. M. (2009)**, Socially Sustainable Economic Degrowth. *Development and Change*, 40: 1099 – 1119.
- 2) **Ayre, J. (2015)** Electric Car Demand Growing, Global Market Hits 740,000 Units. *Clean Technica*. [Online] Dostupné z: <http://cleantechnica.com/2015/03/28/ev-demand-growing-global-market-hits-740000-units/>. Navštíveno 23. 3. 2019.
- 3) **Babbage (2011)** Difference Engine: Luddite Legacy, *The Economist*, 4. Listopadu. [Online] <http://economist.com/blogs/babbage/2011/11/artificial-intelligence> Navštíveno dne 14. 4. 2019
- 4) **Bailey, I., & Compston, H. (2012)**. *Feeling the Heat: The Politics of Climate Policy in Rapidly Industrializing Countries*. Basingstoke, Spojené Státy: Palgrave Macmillan.
- 5) **Bárta, M. a kol. (2011)** Kolaps a regenerace: cesty civilizací a kultur: minulost, současnost a budoucnost komplexních společností. Praha, Academia.
- 6) **Blackwill, R.D. and M.L. O'Sullivan (2014)** 'America's Energy Edge', *Foreign Affairs* , 93(2), 102-14.  
Bonneuil, Ch., Fressoz Jean – B. (2016) *The Shock of the Anthropocene : the Earth, history, and us*. Brooklyn, Verso. Přeloženo Davidem Fernbachem.
- 7) **Brundtland, Gro Harlem, and World Commission on Environment and Development. (1987)** *Our Common Future: Report of the World Commission on Environment and Development* . Oxford: Oxford University.
- 8) **Buchanan, S. (2015)** European Biofuel Bubble Burst. *Inter Press Service News Agency*. [Online] Dostupné z: <http://www.ipsnews.net/2015/04/european-biofuel-bubble-burst/>. Navštíveno 19. 5. 2019.
- 9) **Burns, J.E. and J. – S. Kang (2010)** 'Comparative Economic Analysis of Supporting Policies for Residential Solar PV in the United States', *Energy Policy* , 44, 217-25.
- 10) **Carlson, R. (2002)** *Silent Spring*. Boston, Houghton Mifflin.
- 11) **Cellan – Jones, R. (2014)** Stephen Hawking warns artificial intelligence could end mankind. *V BBC News* 2. prosince. <https://www.bbc.com/news/technology-30290540>. Navštíveno 22. 6. 2019.
- 12) **Closson, S. (2013)** 'The Military and Energy', *Energy Policy* , 61, 306-16.

- 13) **Dale, M. a Benson, S. (2013)** Energy Balance of the Global Photovoltaic (PV) Industry: Is the PV Industry a Net Electricity Producer? *Environmental Science and Technology* 47, vol. 7: 3482 – 3489.
- 14) **Daly, H. (1996)** Beyond growth: the economics of sustainable development. Voston, Beacon Press.
- 15) **Defencetalk (2013)** 'White Sands Home to Army's Largest Solar Power System', 18 January 2013, <http://www.defencetalk.com/white-sands-home-to-armyslargest-solar-power-system-46409/>.
- 16) **Diamond, J. (2008)** Kolaps: proč společnosti zanikají a přežívají. Praha, Academia. Přeložil Zdeněk Urban.
- 17) **Duncan, R. C. (1989)**. Evolution, technology, and the natural environment: A unified theory of human history. Proceedings of the Annual Meeting, American Society of Engineering Educators: Science, Technology, & Society.
- 18) **Energy hunger, energy guzzlers and energy providers (1/2) | DW Documentary (2019)** Youtube video. Přidáno uživatelem DW documentary. [Online] Dostupné z: <https://www.youtube.com/watch?v=J0Fi9Zdn07Q&t>. Navštíveno 12. 6. 2019.
- 19) **Ernst and Young (2012b)** Renewable Energy Country Attractiveness Indices , November 2012, [http://www.zonnekrachtcentrales.nl/assets/files/files/20121101-%20CAI-issue-35\\_Nov-2012\\_DE0372.pdf](http://www.zonnekrachtcentrales.nl/assets/files/files/20121101-%20CAI-issue-35_Nov-2012_DE0372.pdf), date accessed October 21, 2014.
- 20) **Ernst and Young (2014b)** RECAI: Renewable Energy Country Attractiveness Index , issue 42, September 2014, [http://www.ey.com/Publication/vwLUAssets/EY-RECAI-China-reclaims\\_the\\_top\\_spot\\_for\\_renewables\\_energy\\_investment\\_attractive/\\$FILE/EY-recai-Issue42-11-sep-2014.pdf](http://www.ey.com/Publication/vwLUAssets/EY-RECAI-China-reclaims_the_top_spot_for_renewables_energy_investment_attractive/$FILE/EY-recai-Issue42-11-sep-2014.pdf), date accessed October 7, 2014.
- 21) **Ernst and Young (2013d)** RECAI: Renewable Energy Country Attractiveness Index , issue 39, November 2013, [http://www.ey.com/Publication/vwLUAssets/RECAI-39-Nov-2013/\\$FILE/RECAI%20Issue%2039\\_Nov%202013.pdf](http://www.ey.com/Publication/vwLUAssets/RECAI-39-Nov-2013/$FILE/RECAI%20Issue%2039_Nov%202013.pdf), date accessed October 21, 2014.
- 22) **Ernst and Young (2014a)** RECAI: Renewable Energy Country Attractiveness Index , issue 40, February 2014, [http://www.ey.com/Publication/vwLUAssets/EY-RECAI-40-Feb-2014/\\$FILE/EY-recai-Issue40-Feb-2014.pdf](http://www.ey.com/Publication/vwLUAssets/EY-RECAI-40-Feb-2014/$FILE/EY-recai-Issue40-Feb-2014.pdf), date accessed October 21, 2014.

Renewable\_energy\_country\_attractiveness\_index\_ – \_February\_2014/\$FILE/ EY – recaí – issue – 40 – february – 2014.pdf, date accessed October 21, 2014.

- 23) **European Parliament (2007, 14. Května)** Written Declaration Pursuant to Rule 116 of the Rules of Procedure on Establishing a Green Hydropower Economy and a Third Industrial Revolution in Europe through a Partnership with Committed Regions and Cities, SMEs and Civil Society Organizations. [Online] Dostupné z: <http://hyfleetcute.com/data/MEP%20Green%20H2%20Declaration.pdf>. Navštíveno 10. 3. 2019.
- 24) **Federal Ministry for Economic Affairs and Energy (2018)** Bundesministerium für Wirtschaft und Energie. [Online] Dostupné z: <https://www.erneuerbare-energien.de/EE/Redaktion/DE/Downloads/zeitreihen-zur-entwicklung-der-erneuerbaren-energien-in-deutschland-1990-2017.pdf>. Navštíveno 15.5. 2019.
- 25) **Fischer – Kowalski, M., Krausmann F., Pallua I. (2014)** A sociometabolic reading of the Anthropocene: Modes of subsistence, population size and human impact on Earth, *The Anthropocene Review* Vol 1, Issue 1, pp. 8 – 33
- 26) **Fischer – Kowalski M. (2015)**. *Social Ecology*. Wright J.(ed): *International Encyclopedia of the Social and Behavioral Sciences* (second edition), Elsevier, Amsterdam, pp. 254 – 262.
- 27) **Fridley, D. (2010)** *ENERGY: Nine Challenges of Alternative Energy*. Post Carbon Reader: Managing the 21st Century's Sustainability Crises. California, Post Carbon Institute.
- 28) **Friedman, T. (2008)** *Hot, Flat and Crowded*. London: Allen Lane.
- 29) **Fukuyama, F. (2003)** *Konec dějin a poslední člověk*. Praha, Rybka, z anglického originálu přeložil Michal Prokop.
- 30) Giampietro, M. a Pimentel, D. (1994) *The Tightening Conflict: Population, Energy Use, and the Ecology of Agriculture*. [Online] Dostupné z: <http://www.dieoff.com/page69.htm>.
- 31) **Gibbs, S. (2014)** *Elon Musk: artificial intelligence is our biggest existential threat*. V *The guardian* 29. října. [Online] Dostupné z: <https://www.theguardian.com/technology/2014/oct/27/elon-musk-artificial-intelligence-ai-biggest-existential-threat>. Navštíveno 22. 6. 2019.
- 32) **Giddens, A. (2009)** *The Politics of Climate Change*. Cambridge: Polity Press. ISBN 978 – 0 – 7456 – 4692 – 3

- 33) **Gilbert, R. a Perl, A. (2010)** Transportation in the Post – Carbon World v Post Carbon Reader: Managing the 21st Century's Sustainability Crises. California, Post Carbon Institute.
- 34) **Goodell, J. (2007)** Big Coal (New York, NY: Houghton Mifflin).
- 35) **Green, L.(2001).** Technoculture: From Alphabet to Cybersex. Crows Nest: Allen & Unwin.
- 36) **Hák, T., a kol. (2015)** Metabolismus společnosti: materiály, energie a ekosystémy. Praha, Karolinum.
- 37) **Hall, Ch., Balogh, S. a Murphy, D. (2009)** What Is a Minimum EROEI that a Sustainable Society Must Have? Energies 2. Vol. 1: 25 – 4.
- 38) **Hannay, D. (2008)** New World Disorder: The UN after the Cold War – An Insider's View. London, I.B. Tauris.
- 39) **Hatton, C. (2015)** China 'social credit': Beijing sets up huge system v BBC. [Online] Dostupné z: [https://www.bbc.com/news/world – asia – china – 34592186](https://www.bbc.com/news/world-asia-china-34592186). Navštíveno 19. 6. 2019.
- 40) **Heilbroner, R. (1999)** The Worldly Philosophers: The Lives, Times And Ideas Of The Great Economic Thinkers. New York: Simon and Schuster. p. 239. ISBN 978 – 0684862149.)
- 41) **Heinberg, R. (2005)** The Party's over: Oil, War and the Fate of Industrial Societies. Canada: New Society Publishers. ISBN 0 – 86571 – 529 – 7
- 42) **Heinberg, R. (2013)** Snake Oil (Santa Rosa, CA: Post Carbon Institute).
- 43) **Heinberg, R.; Fridley, D. (2016)** Our Renewable Future: Laying the Path for 100% Clean Energy. California: Post Carbon Institute.
- 44) **HEYWOOD, A. (2004)** Politologie. Praha, Eurolex Bohemia. ISBN 80 – 86432 – 95 – 5.
- 45) **Holman, R. (2002)** Ekonomie. Praha, C. H. Beck.
- 46) **Holton, G. a Elkana, Y. (1997)** Albert Einstein: Historical and Cultural Perspectives. Courier Corporation.
- 47) **Hoogvelt, A.M.M. (1982)** Theories of Social Evolution and Development: The Marxist Tradition. In: The Third World in Global Development. The Sociology of Developing Societies. Palgrave, London.
- 48) **Hopkins, D. (2019)** Sustainable Mobility. V Energy Transition Show, 12. červen. [Online] Dostupné z: <https://xenetwork.org/ets/>. Navštíveno 23. 6. 2019.

- 49) **Hopkins, R. (2010)** BUILDING RESILIENCE: What Can Communities Do? The Post Carbon Reader: Managing the 21st Century's Sustainability Crises. California, Post Carbon Institute.
- 50) **Chestney, N. (2017)** "U.S. will change course on climate policy, Trump official says" v Reuters, 30. Ledna. [Online] Navštíveno 3. 2. 2019.
- 51) **China's hidden camps (2018)** John Sudworth v BBC. [Online] Dostupné z: [https://www.bbc.co.uk/news/resources/idt-sh/China\\_hidden\\_camps#bbc-news-vj-full-width-container](https://www.bbc.co.uk/news/resources/idt-sh/China_hidden_camps#bbc-news-vj-full-width-container). Navštíveno 12. 12. 2018.
- 52) **Ideologie (2017)** Wikipedie: Otevřená encyklopedie. [Online] Dostupné z: <https://cs.wikipedia.org/wiki/Ideologie>. Navštíveno dne: 22. 6. 2019.
- 53) **IEA (2014a)** Energy Policy Highlights (Paris: IEA Publications).
- 54) **IEA (2013b)** Tracking Clean Energy Progress 2013 (Paris: OECD/IEA).
- 55) **IEA (2012b)** World Energy Outlook 2012 (Paris: OECD/IEA).
- 56) **IEA Statistics (2016)** Share of electricity Generation by fuel: India. [Online] Dostupné z: <https://www.iea.org/statistics/?country=INDIA&year=2016&category=Electricity&indicator=ShareElecGenByFuel&mode=chart&dataTable=ELECTRICITYANDHEAT>. Navštíveno 17. 6. 2019.
- 57) **IEA Statistics (2016)** Share of electricity Generation by fuel: People's Republic of China. [Online] Dostupné z: <https://www.iea.org/statistics/?country=CHINA&year=2016&category=Electricity&indicator=ShareElecGenByFuel&mode=chart&dataTable=ELECTRICITYANDHEAT>. Navštíveno 17. 6. 2019.
- 58) **IEA Statistics (2016)** Share of electricity Generation by fuel: Republic of South Africa. [Online] Dostupné z: <https://www.iea.org/statistics/?country=SOUTHAFRIC&year=2016&category=Electricity&indicator=ShareElecGenByFuel&mode=chart&dataTable=ELECTRICITYANDHEAT>. Navštíveno 17. 6. 2019.
- 59) **IEA Statistics (2016)** Share of electricity Generation by fuel: Czech republic. [Online] Dostupné z: <https://www.iea.org/statistics/?country=CZECH&year=2016&category=Electricity&indicator=ShareElecGenByFuel&mode=chart&dataTable=ELECTRICITYANDHEAT>. Navštíveno 17. 6. 2019.

- 60) **IEA Statistics (2016e)** Share of electricity Generation by fuel: World. [Online] Dostupné z: <https://www.iea.org/statistics/?country=WORLD&year=2016&category=Electricity&indicator=ShareElecGenByFuel&mode=chart&dataTable=ELECTRICITYANDHEAT>. Navštíveno 17. 6. 2019.
- 61) **IEA Statistics (2016f)** Share of oil products final consumption by sector: World. [Online] Dostupné z: <https://www.iea.org/statistics/?country=WORLD&year=2016&category=Oil&indicator=ShareOilProductsConsBySector&mode=chart&dataTable=BALANCES>. Navštíveno 17. 6. 2019.
- 62) **IEA (2016g)** World Energy Outlook 2016. [Online] Dostupné z: <https://webstore.iea.org/download/direct/202?fileName=WEO2016.pdf>. Navštíveno 13. 3. 2019.
- 63) **International Energy Agency (2018)** World Energy Balances: Overview. [Online] Dostupné z: [https://webstore.iea.org/download/direct/2263?fileName=World\\_Energy\\_Balances\\_2018\\_Overview.pdf](https://webstore.iea.org/download/direct/2263?fileName=World_Energy_Balances_2018_Overview.pdf). Navštíveno dne 15. 5. 2019.
- 64) **International Union for Conservation of Nature and Natural Resources (1980)** World conservation strategy : living resource conservation for sustainable development. Gland : IUCN : UNEP : WWF.
- 65) **Internet věcí (2019)** Wikipedie: Otevřená encyklopedie. [Online] Dostupné z: [https://cs.wikipedia.org/wiki/Internet\\_v%C4%9Bc%C3%AD](https://cs.wikipedia.org/wiki/Internet_v%C4%9Bc%C3%AD). Navštíveno dne: 26. 3. 2019.
- 66) **IRENA (2019)** RENEWABLE CAPACITYSTATISTICS 2019. [Online] Dostupné z: [https://www.irena.org/media/Files/IRENA/Agency/Publication/2019/Mar/IRENA\\_RE\\_Capacity\\_Statistics\\_2019.pdf](https://www.irena.org/media/Files/IRENA/Agency/Publication/2019/Mar/IRENA_RE_Capacity_Statistics_2019.pdf). Navštíveno 19. 6. 2019.
- 67) **Jakobson, M. (2009)** A Plan for Sustainable Future: How to get all energy from wind, water and solar power by 2030. Scientific American. Listopad 2009, str. 58 – 65.
- 68) **Jeremy Rifkin: The Third Industrial Revolution (2012)** YouTube video, přidáno uživatelem „The Agenda with Steve Paikin“ [Online]. Dostupné z: <https://www.youtube.com/watch?v=9e0UofNMzKM> [navštíveno dne 12. 3. 2019]

- 69) **Junger, S. (2016)** *Tribe: on Homecoming and belonging*. New York, Twelve.
- 70) **Kagan, R. (2008)** *The Return of History and the End of Dreams*. London, Atlantic.
- 71) **Kannan et al., (2006)** "Life Cycle Assessment Study of Solar PV Systems: An Example of a 2.7 kW Distributed Solar PV System in Singapore," *Solar Energy* 80, 555–63.
- 72) **Kennedy, John B. (1926)** Interview with Nikola Tesla: When Woman is Boss. *V Colliers* magazine. [Online] Dostupné z: <http://www.tfcbooks.com/tesla/1926-01-30.htm>. Navštíveno 19. 6. 2019.
- 73) **Kindell, Henry H. a Pimentel, D. (1994)** Constraints on the Expansion of Global Food Supply, *Ambio* Vol. 23 No. 3, May 1994. The Royal Swedish Academy of Sciences.
- 74) **Klare, Michael T. (2008)** *Rising powers, shrinking planet: the new geopolitics of energy*. New York, Metropolitan Books.
- 75) **Klare, M. (2013)** 'Fossil Fuel Euphoria', *Asia Times*, October 17, 2013, [http://atimes.com/atimes/Global\\_Economy/GECON-01-171013.html](http://atimes.com/atimes/Global_Economy/GECON-01-171013.html).
- 76) **Kostka, G. (2019)** China's social credit systems and public opinion: Explaining high levels of approval. [Online] Dostupné z: <https://journals.sagepub.com/doi/pdf/10.1177/1461444819826402>. Navštíveno 19. 6. 2019.
- 77) **Kunz, William M. (2006)** *Culture Conglomerates: Consolidation in the Motion Picture and Television Industries*. Publisher: Rowman & Littlefield Publishers, Inc. p. 2. ISBN 978-0742540668.
- 78) **Lindsey, R. (2018)** *Climate Change: Atmospheric Carbon Dioxide*. [Online] NOAA Climate.gov. Dostupné z: <https://www.climate.gov/news-features/understanding-climate/climate-change-atmospheric-carbon-dioxide>. Navštíveno dne 16. 6. 2019.
- 79) **List of Photovoltaic Power Stations (2019)** Wikipedia: Free Encyclopedia. [Online] Dostupné z: [https://en.wikipedia.org/wiki/List\\_of\\_photovoltaic\\_power\\_stations](https://en.wikipedia.org/wiki/List_of_photovoltaic_power_stations). Navštíveno 24. 6. 2019.
- 80) **Lüthi, D., M. Le Floch, B. Bereiter, T. Blunier, J. – M. Barnola, U. Siegenthaler, D. Raynaud, J. Jouzel, H. Fischer, K. Kawamura, and T.F. Stocker (2008)** High-resolution carbon dioxide concentration record 650,000 – 800,000 years before present. *Nature*, Vol. 453, pp. 379 – 382, 15 May 2008.

- 81) **MacKenzie, D. (1998).** Knowing Machines: Essays on Technical Change. Cambridge: MIT Press. p. 24. ISBN 978 – 0262631884.)
- 82) **Maddison Project Database (2018)** Bolt, Jutta, Robert Inklaar, Herman de Jong and Jan Luiten van Zanden, “Rebasing ‘Maddison’: new income comparisons and the shape of long – run economic development”, Maddison Project Working paper 10. [Online] Dostupné z: [https://www.rug.nl/ggdc/html\\_publications/memorandum/gd174.pdf](https://www.rug.nl/ggdc/html_publications/memorandum/gd174.pdf).
- 83) **Marx, K., Engels, F. (1898)** Komunistický manifest. Praha, nákladem časopisu zář – tiskem dělnické knihtiskárny. Přeložil A. Radimský.
- 84) **Mazzucato, M. (2013)** The Entrepreneurial State (London: Anthem Press).
- 85) **McLuhan M. (2001)** Understanding media: the extensions of man. London, Routledge.
- 86) **McLaughlin, N. B., a kol. (2000)** Comparison of energy inputs for inorganic fertilizer and manure based corn production. Canadian Agricultural Engineering, Vol. 42, No. 1.
- 87) **Meadows, D. H. (1972)** The Limits to Growth. London: Earth Island. ISBN 0 – 85644 – 008 – 6
- 88) Mitchell T. (2009) Carbon democracy, *Economy and Society*, vol 38:3, str. 399 – 432.
- 89) **Mitchell, T. (2011)** Carbon democracy: political power in the age of oil. London, Verso.
- 90) Moe, E. (2015) Renewable Energy Transformation or Fossil Fuel Backlash: Vested Interests in the Political Economy. Hampshire, Palgrave Macmillan. ISBN 978 – 1 – 349 – 57116 – 1
- 91) **Moldan, B. (2015)** Podmaněná planeta. Praha, Nakladatelství Karolinum. ISBN 9788024629995
- 92) **Moore, Gordon E. (1965)** “Cramming More Components onto Integrated Circuits,” *Electronics*, pp. 114-117, 19. Duben.
- 93) **Morgan, Lewis H. (1985)** Ancient Society. Tucson, University of Arizona Press.
- 94) **Murray, B. (1982)** The Ecology of Freedom: The Emergence and Dissolution of Hierarchy. Palo Alto, Cheshire Books.
- 95) **Narby, J. (2006)** Kosmický had. Praha, Rybka Publishers.
- 96) **New York Times (2013)** ‘Chinese Solar Panel Giant Is Tainted by Bankruptcy’, March 20, 2013, <http://www.nytimes.com/2013/03/21/business/energy> –



environment/chinese – solar – companys – operating – unit – declares – bankruptcy.html? pagewanted =all&\_r=0.

- 97) **Norbert – Hodge, H. (2017)** Localization and the Economics of Happiness. [Online] Dostupné z: <https://commonthreads.sgi.org/post/157897991073/localization – and – the – economics – of – happiness>. Navštíveno 19. 6. 2019.
- 98) **Peak Oil: The Basics of Oil Depletion in 5 minutes (2011)** Youtube video, přidáno uživatelem SustainableGuidance [Online]. Dostupné z: <https://www.youtube.com/watch?v=Fjn8hja6HRg>. Navštíveno dne 10. 6. 2019.
- 99) **Pearce, J. (2008)** Thermodynamic limitations to nuclear energy deployment as a greenhouse gas mitigation technology. *International Journal of Nuclear Governance, Economy and Ecology*, 2008 Vol.2 No.1, pp.113 – 130
- 100) **Pimentel, D. a Giampietro, M. (1994)** Food, Land, Population and the U.S. Economy, Executive Summary, Carrying Capacity Network, 11/21/1994.
- 101) **Ponting, C. (2018)** Zelené dějiny světa: životní prostředí a kolaps velkých civilizací. Praha, Karolinum Press, z anglického originálu přeložil Jiří Hrubý.
- 102) **Postel, S. (2010)** WATER: Adapting to a New Normal. P *Post Carbon Reader: Managing the 21st Century's Sustainability Crises*. California, Post Carbon Institute.
- 103) **Primary Energy (2019)** Wikipedia: The Free Encyclopedia. [Online] Dostupné z: [https://en.wikipedia.org/wiki/Primary\\_energy](https://en.wikipedia.org/wiki/Primary_energy). Navštíveno dne: 26. 4. 2019.
- 104) **Raymond, Eric S. (2014)** Zero Marginal Thinking: Jeremy Rifkin gets it all wrong. [Online] Dostupné z: <http://esr.ibiblio.org/?p=5558>. Navštíveno 19. 6. 2019.
- 105) **Rawlinson, K. (2015)** Microsoft's Bill Gates insists AI is a Great. V *BBC News* 29. ledna. [Online] Dostupé z: <https://www.bbc.com/news/31047780>. Navštíveno 22. 6. 2019.
- 106) **Red pepper (2018)** Global debt is fast approaching a quarter of quadrillion dollars. [online] Dostupné z: <https://www.redpepper.org.uk/global – debt – is – fastapproaching – quarter – of – quadrillion – dollars/>.
- 107) **REN21 (2013a)** Renewables 2013 Global Status Report (Paris: REN21 Secretariat).
- 108) **REN21 (2014)** Renewables 2014 Global Status Report (Paris: REN21 Secretariat). RenewableEnergyWorld.com (2011) 'Japan Approves National Feed – in Tariff,' August 26, 2011,

[http://www.renewableenergyworld.com/rea/news/article/2011/08/ japan – approves – national – feed – in – tariff .](http://www.renewableenergyworld.com/rea/news/article/2011/08/japan%20approves%20national%20feed%20in%20tariff)

- 109) **Rifkin, J. (2011)** *The Third Industrial Revolution: How Lateral Power is Transforming Energy, the Economy, and the World.* New York, Palgrave Macmillan.
- 110) **Rifkin, J. (2012)** *The Third Industrial Revolution: How the Internet, Green Electricity, and 3 – D Printing are Ushering in a Sustainable Era of Distributed Capitalism.* [Online] Dostupné z: [https://www.worldfinancialreview.com/the – third – industrial – revolution – how – the – internet – green – electricity – and – 3 – d – printing – are – ushering – in – a – sustainable – era – of – distributed – capitalism/](https://www.worldfinancialreview.com/the-third-industrial-revolution-how-the-internet-green-electricity-and-3-d-printing-are-ushering-in-a-sustainable-era-of-distributed-capitalism/). Navštíveno 9. 6. 2019.
- 111) **Rifkin, J. (2014)** *The Zero Marginal Cost Society: the Internet of Things, the Collaborative Commons, and the Eclipse of Capitalism.* New York, Palgrave Macmillan.
- 112) **Rockström, J., W. Steffen, K. Noone, Å. Persson, F. S. Chapin, III, E. Lambin, T. M. Lenton, M. Scheffer, C. Folke, H. Schellnhuber, B. Nykvist, C. A. De Wit, T. Hughes, S. van der Leeuw, H. Rodhe, S. Sörlin, P. K. Snyder, R. Costanza, U. Svedin, M. Falkenmark, L. Karlberg, R. W. Corell, V. J. Fabry, J. Hansen, B. Walker, D. Liverman, K. Richardson, P. Crutzen, and J. Foley. (2009).** Planetary boundaries:exploring the safe operating space for humanity. *Ecology and Society* 14(2): 32. [online] URL: <http://www.ecologyandsociety.org/vol14/iss2/art32/>
- 113) **Sachs, J. D. (2015)** *The Age of Sustainable Development.* New York, Columbia University Press.
- 114) **Samuelson, W., a R. Zeckhauser (1988)** “Status quo bias in decision making”, *Journal of Risk and Uncertainty*, Vol. 1, pp. 7 – 59.
- 115) **Schmelzer, M. (2015)** The growth paradigm: History, hegemony, and the contested making of economic growthmanship in *Ecological Economics*, Vol. 118, str. 262 – 271.
- 116) **Schumpeter, Joseph A. (2008)** *Capitalism, Socialism, and Democracy.* London, Harper Perennial Modern Thought.
- 117) **Sieferle, R. P. (2001)** *The Subterranean Forest: Energy systems and the Industrial Revolution.* Cambridge: The White Horse Press. ISBN 1 – 874267 – 47 – 2
- 118) **Smil, V. (2005)** *Energy at the Crossroads: Global Perspectives and Uncertainties.* Cambridge: The MIT Press.

- 119) **Smil, V. (2013)** Fakta a mýty o energetice, jak vrátit debatu o energetice zpátky na zem. Česká republika: Moravskoslezský dřevařský klastr. ISBN 978 – 80 – 7464 – 365 – 1
- 120) **Smil, V. (2017)** Globální trendy a katastrofy: Příštích padesát let. Praha, Albatros Media. Z anglického originálu přeložil Pavel Kaas.
- 121) **Smil, V. (2018)** Energie: Průvodce pro začátečníky. Česká republika: KNIHA ZLÍN. ISBN 978 – 80 – 7473 – 634 – 6
- 122) **Smith, M. R. (1994)** Does Technology Drive History? The Dilemma of Technological Determinism. Cambridge, The MIT Press.
- 123) **SIPRI Fact Sheet (2019)** Trends in World Military Expenditure 2018. [Online] Dostupné z: [https://sipri.org/sites/default/files/2019-04/fs\\_1904\\_milex\\_2018\\_0.pdf](https://sipri.org/sites/default/files/2019-04/fs_1904_milex_2018_0.pdf). Navštíveno 19. 6. 2019.
- 124) **Sören, A.; Wehrmann, B.; Wettengel, J. (2016)** "Germany's Climate Action Plan 2050". Clean Energy Wire (CLEW). [Online] Dostupné z: <https://www.cleanenergywire.org/factsheets/germanys-climate-action-plan-2050>. Navštíveno dne 13. 4. 2019.
- 125) **Sovacool, B. (2008)** The Dirty Energy Dilemma: What's Blocking Clean Power in the United States (Westport, CT: Praeger).
- 126) **Steffen, W. a kol. (2015)** Planetary boundaries: Guiding human development on a changing planet. Science, Vol. 347, Issue 6223, 1259855. 13. 2. 2015. [online] Dostupné z: <https://science.sciencemag.org/content/347/6223/1259855.full>.
- 127) **Tainter, J. A. (1988)** The Collapse of Complex Societies. London: Cambridge University Press.
- 128) **Tainter, J. A. (2009)** Kolapsy složitých společností. Praha: Nakladatelství Dokořán.
- 129) **Taylor, Edward B. (2010)** Primitive Culture. Cambridge, Cambridge University Press.
- 130) **The Third Industrial Revolution: A Radical New Sharing Economy (2018)** YouTube video, přidáno uživatelem VICE [Online]. Dostupné z: <https://www.youtube.com/watch?v=QX3M8Ka9vUA> [navštíveno dne 13. 3. 2019]
- 131) **TEDxBrainport 2012 – Jeremy Rifkin – Leading the way to the third industrial revolution (2012)** YouTube video, přidáno uživatelem TEDx Talks [Online].

Dostupné z: [https://www.youtube.com/watch?v=snsb3Pc\\_C4M](https://www.youtube.com/watch?v=snsb3Pc_C4M) [navštíveno dne 12. 5. 2019]

- 132) **TEDxRainier – Amory Lovins – Reinventing Fire (2012)** YouTube video, přidáno uživatelem TEDx Talks [Online]. Dostupné z: <https://www.youtube.com/watch?v=u – Kq89M0t18>. Navštíveno dne 12. 5. 2019
- 133) **United Nations Population Division (2018)** Webová stránka [Online]. Dostupné z: <https://population.un.org/wup/>. Navštíveno 17. 6. 2019.
- 134) **Wang, F., H. Yin, and S. Li (2010)** 'China's Renewable Energy Policy', *Energy Policy*, 38, 1872–8.
- 135) **Weber E. U. (2013)**, Individual and collective behaviour change. In *World Social Science Report 2013 Changing Global Environments* © ISSC, UNESCO 2013.
- 136) **Weisbach, D. a kol. (2013)** Energy intensities, EROIs (Energy Return on Invested), and Energy Payback Times of Electricity Generating Power Plants. *Energy* 52 (2013): 210 – 21.
- 137) **Wilson, Edward O. (1984)** *Biophilia*. Cambridge: Harvard University Press.
- 138) **Wohlleben, P. (2017)** *Tajný život stromů*. Ráječko, Kazda Václav.
- 139) **Writers, S. (2009)** First German offshore wind farm online. *Wind Daily: Wind Energy Technology*. [Online] Dostupné z: [http://www.winddaily.com/reports/First\\_German\\_offshore\\_wind\\_farm\\_online\\_999.html](http://www.winddaily.com/reports/First_German_offshore_wind_farm_online_999.html). Navštíveno 19. 6. 2019.
- 140) **World Resources Institute (2014)** *Aqueduct Water Risk Atlas*. [Online] Dostupné z: <https://www.wri.org/our-work/project/aqueduct>. Navštíveno 19. 6. 2019.
- 141) **Zhang, S., P. Andrews – Speed, X. Zhao, and Y. He (2013b)** 'Interactions between Renewable Energy Policy and Renewable Energy Industrial Policy', *Energy Policy*, 62, 342–53.

## SEZNAM ZKRATEK

CCS – Technologie na zachytávání uhlíku (Carbon Capture Storage)

FIT – Dotační systém (Feed – in – tariff)

GCVs – Elektrický dopravní prostředek napřímo připojený k síti (Grid Connected Vehicles)

HDP – Hrubý domácí produkt

IPCC – Mezinárodní panel pro klimatickou změnu (International Panel on Climate Change)

MOOC's – Masivní vzdělávací online kurzy (Massive Online Open Courses)

OSN – Organizace Spojených Národů (UN, United Nations)

SCSs – Systém sociálních kreditů (Social Credit System)

TPES – Celková energetická kapacita (Total Power Energy Supply)

VP – vlastní překlad

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