

Further Reading

Environmental

- [The carbon impact of artificial intelligence](#) (By Payal Dhar, Nature Machine Intelligence, pg 423-425. 2020. Article)
- [AI can help us fight climate change. But it has an energy problem, too](#) (By Annette Ekin, Horizon: the EU Research and Innovation Magazine, 12 September 2019. Article)
- [How artificial intelligence will affect the future of energy and climate](#) (By David G. Victor, Brookings Institute, 10 January 2019. Article)
- [Energy and policy considerations for Deep learning in NLP](#) (Neuro-linguistic programming) (By Emma Strubell, Ananya Ganesh & Andrew McCallum, College of Information and Computer Sciences, University of Massachusetts, 05 June 2019. Article)
- [Training a simple AI model can emit as much carbon as five cars in their lifetime](#) (By Karen Hao, MIT Technology Review, 06 June 2019. Article)

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Social

- [Anatomy of an AI system: The Amazon Echo as an anatomical map of human labour, data and planetary resources](https://anatomyof.ai/index.html) (By Kate Crawford and Vladan Joler. Retrieved from <https://anatomyof.ai/index.html>. 2018)
- [The role of artificial intelligence in achieving the Sustainable Development Goals](#) (By Ricardo Vinuesa et al, Nature Communications vol 11. 2020)
- [Governing artificial intelligence to benefit the UN Sustainable Development Goals](#) (By Jon Truby, Sustainable Development, Jul/Aug 2020. Article)
- [Could rating systems encourage responsible AI?](#) (Brookings Institute, 01 October 2020. Video)
- [The adaptation advantage: let go, learn fast and thrive in the future of work](#) (By Heather E McGowan, Wiley, 2020. Ebook/Audiobook)
- [A citizens guide to Artificial Intelligence](#) (By John Zerilli, The MIT Press, 2021. Ebook)
- [The impact of artificial intelligence on freedom, rationality, rule of law and democracy. Should we not be debating it?](#) (By Ciprian N. Radavoi, Texas Journal on Civil Liberties & Civil Rights, Spring 2020. Article)

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Governance – part 1

- [A citizens guide to Artificial Intelligence](#) (By John Zerilli, The MIT Press, 2021. Ebook)
- [Trust in technology \(data ethics\)](#) (By Neil Hodge, Internal Auditor, August 2020. Article)
- [Can AI be ethical? Why enterprises shouldn't wait for AI regulation](#) (By David Schatsky, Deloitte insights, April 2019. Report)
- [Competing in the age of AI: strategy and leadership when algorithms and networks run the world](#) (By Marco Iansiti, Harvard Business Review Press, 2020. Ebook/Audiobook)
- [Machine bias: inside the black box](#) (By Brad J Monterio, Strategic Finance, July 2019. Article)
- [Teaching ethics and AI for finance: Accounting students will need to master the ethics issues around AI and other emerging technologies that are driving change in finance](#) (By Steven M. Mintz, Strategic Finance, August 2021. Article)

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Governance – part 2

- [Ethics maps for AI analytics: an ethics map is an essential component of any company's AI usage and AI based decision-making strategy](#) (By Lorenzo Patelli. Strategic Finance, Jan 2021. Article)
- [The ethical implications of using artificial intelligence in auditing](#) (By Ivy Munoko, Helen L. Brown-Liburd & Miklos Vasarhelyi, Journal of Business Ethics, November 2020. Article)
- [Algorithm charter for Aotearoa New Zealand](#) (New Zealand Government, July 2020. Report[s]) includes: [Government use of artificial intelligence in New Zealand \[PDF 1.3 MB\]](#) & [Trustworthy AI in Aotearoa - AI principles](#)
- [Australia's Artificial Intelligence Ethics Framework](#) (Australian Government)
- [Ethical aspects in building blocks of AI business models](#) (By Marie-Christin Barton & Jens Pöppelbuß, Proceedings of ISPIM Conference, 2021. Article)

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