



## Economic growth and sustainable development

---

### Reading list

---

#### 1. Optional background reading

[Jackson \(2009\)](#); [Harari \(2015\)](#).

#### 2. Course book

[Aghion and Howitt \(2009\)](#).

#### 3. Highly relevant scientific papers

[Bulte et al. \(2006\)](#); [Romer \(1994\)](#); [Hart \(2016\)](#); [Solow \(1973\)](#); [Smulders and de Nooij \(2003\)](#); [Hart \(2013\)](#); [Hart \(2018a\)](#); [Acemoglu et al. \(2012\)](#); [Selden et al. \(1999\)](#); [Stokey \(1998\)](#).

#### 4. Other important scientific papers

[Galor \(2005\)](#); [Romer \(1990\)](#); [Aghion and Howitt \(1992\)](#); [Hotelling \(1931\)](#); [Dasgupta and Heal \(1974\)](#); [Solow \(1974a\)](#); [Solow \(1974b\)](#); [Stiglitz \(1974\)](#); [Krautkraemer \(1998\)](#); [Hart and Spiro \(2011\)](#); [Daly \(1997\)](#); [Sagoff \(1995\)](#); [Binswanger \(2001\)](#); [Fouquet and Pearson \(2006\)](#); [Knittel \(2011\)](#); [Hart \(2018b\)](#); [Grossman and Krueger \(1995\)](#); [Aronsson and Johansson-Stenman \(2008\)](#).

Acemoglu, D., Aghion, P., Bursztyn, L., Hemous, D., 2012. The environment and directed technical change. *American Economic Review* 102, 131–166.

Aghion, P., Howitt, P., 1992. A model of growth through creative destruction. *Econometrica* 60, 323–51.

Aghion, P., Howitt, P. W., 2009. *The economics of growth*. MIT.

Aronsson, T., Johansson-Stenman, O., Jun. 2008. When the Joneses' consumption hurts: Optimal public good provision and nonlinear income taxation. *Journal of Public Economic* 92 (5-6), 986–997.

Binswanger, M., 2001. Technological progress and sustainable development: What about the rebound effect? *Ecological Economics* 36 (1), 119–132.

Bulte, E., Horan, R. D., Shogren, J. F., 2006. Megafauna extinction: A paleoeconomic theory of human overkill in the pleistocene. *Journal of Economic Behavior & Organization* 59 (3), 297–323.

Daly, H. E., 1997. Georgescu-Roegen versus Solow/Stiglitz. *Ecological Economics* 22, 261–266.

Dasgupta, P., Heal, G., 1974. The optimal depletion of exhaustible resources. *The Review of Economic Studies* 41, 3–28.

- Fouquet, R., Pearson, P. J. G., 2006. Seven centuries of energy services: The price and use of light in the United Kingdom (1300–2000). *Energy Journal* 27, 139–177.
- Galor, O., 2005. From stagnation to growth: Unified growth theory. In: Aghion, P., Durlauf, S. (Eds.), *Handbook of Economic Growth*. Elsevier.
- Grossman, G. M., Krueger, A. B., May 1995. Economic growth and the environment. *Quarterly Journal of Economics* 110 (2), 353–377.
- Harari, Y. N., 2015. *Sapiens: A Brief History of Humankind*. HarperCollins.
- Hart, R., 2013. Directed technological change and factor shares. *Economics Letters* 119, 77–80.
- Hart, R., 2016. Non-renewable resources in the long run. *Journal of Economic Dynamics and Control* 71, 1–20.
- Hart, R., 2018a. Rebound, directed technological change, and aggregate demand for energy. *Journal of Environmental Economics and Management* 89, 218–234.
- Hart, R., 2018b. To everything there is a season: Carbon pricing, research subsidies, and the transition to fossil-free energy. *Journal of the Association of Environmental and Resource Economists*. Forthcoming.
- Hart, R., Spiro, D., 2011. The elephant in Hotelling's room. *Energy Policy* 39 (12), 7834–7838.
- Hotelling, H., 1931. The economics of exhaustible resources. *Journal of Political Economy* 39, 137–175.
- Jackson, T., 2009. *Prosperity Without Growth: Economics for a Finite Planet*. Earthscan.
- Knittel, C. R., Dec. 2011. Automobiles on steroids: Product attribute trade-offs and technological progress in the automobile sector. *American Economic Review* 101 (7), 3368–3399.
- Krautkraemer, J., 1998. Nonrenewable resource scarcity. *Journal of Economic Literature* 36, 2065–2107.
- Romer, P. M., 1990. Endogenous technological change. *Journal of Political Economy* 98 (5), S71–102.
- Romer, P. M., 1994. The origins of endogenous growth. *Journal of Economic Perspectives* 8 (1), 3–22.
- Sagoff, M., 1995. Carrying capacity and ecological economics. *Bioscience* 45 (9), 610–620.
- Selden, T. M., Forrest, A. S., Lockhart, J. E., 1999. Analyzing the reductions in U.S. air pollution emissions: 1970 to 1990. *Land Economics* 75 (1), 1–21.
- Smulders, S., de Nooij, M., 2003. The impact of energy conservation on technology and economic growth. *Resource and Energy Economics* 25, 59–79.
- Solow, R. M., 1973. Is the end of the world at hand? *Challenge*, 39–46.
- Solow, R. M., 1974a. The economics of resources or the resources of economics. *American Economic Review* 64, 1–14.
- Solow, R. M., 1974b. Intergenerational equity and exhaustible resources. *Review of Economic Studies, Symposium on the economics of exhaustible resources* 41, 29–45.
- Stiglitz, J. E., 1974. Growth with exhaustible natural resources: Efficient and optimal growth paths. *Review of Economic Studies, Symposium on the Economics of Exhaustible Resources* 41, 123–37.
- Stokey, N. L., 1998. Are there limits to growth? *International Economic Review* 39, 1–31.