



# PATHWAYS FORUM 12 READING LIST:

## *Resource-hungry societies and a future in flux: which social metabolism for just social-ecological transformations?*

### General

#### *a. Theory*

### Articles:

Muraca, B et al. (2021). From planetary to societal boundaries: an argument for collectively defined self-limitation. *Sustainability: Science, Practice, and Policy*. 17. 265–292. 10.1080/15487733.2021.1940754.

Haberl, H et al. (2021). Stocks, flows, services and practices: Nexus approaches to sustainable social metabolism. *Ecological Economics*. 182. 106949. 10.1016/j.ecolecon.2021.106949.

Fischer-Kowalski, M., & Haberl, H. (2015). Social metabolism: a metric for biophysical growth and degrowth. *Handbook of ecological economics*, 100–138.

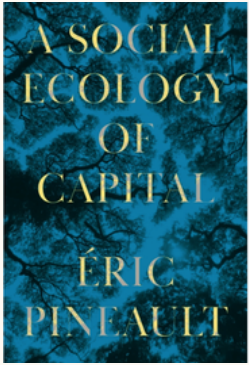
Pineault, E. (2018). The growth imperative of capitalist society: a preliminary exploration of some issues.

Savini, Federico. (2023). Futures of the social metabolism: Degrowth, circular economy and the value of waste. *Futures*. 150. 103180. 10.1016/j.futures.2023.103180.

Schaffartzik, A., Pichler, M., Pineault, E., Wiedenhofer, D., Gross, R., & Haberl, H. (2021). The transformation of provisioning systems from an integrated perspective of social metabolism and political economy: a conceptual framework. *Sustainability science*, 16, 1405–1421.

Scheidel, A. (2023). Does the Social Metabolism Drive Environmental Conflicts?. In: Villamayor-Tomas, S., Muradian, R. (eds) *The Barcelona School of Ecological Economics and Political Ecology*. *Studies in Ecological Economics*, vol 8. Springer, Cham. [https://doi.org/10.1007/978-3-031-22566-6\\_16](https://doi.org/10.1007/978-3-031-22566-6_16)

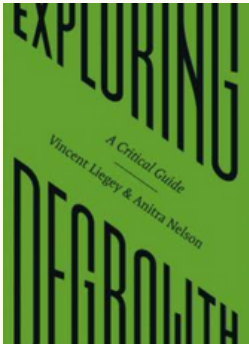
## Books:



### **“A Social Ecology of Capital” by Eric Pineault (2023)**

Through an impressive synthesis of the traditions of eco-Marxism and feminist ecological economics, Éric Pineault presents a well-rounded critique of contemporary capitalist growth and its socio-ecological contradictions, in which growth is understood as both a biophysical and accumulation process.

### **“Exploring Degrowth: A Critical Guide” by Vincent Liegey and Anitra Nelson (2020)**



This book navigates the practice and strategies of the movement, looking at its strengths and weaknesses. Covering horizontal democracy, local economies and the reduction of work, it shows us why degrowth is a compelling and realistic project.

## Videos/Podcasts:

The birth of Social Ecology (Prof. Marina Fischer-Kowalski - BOKU) - Circular Metabolism Podcast #23

<https://www.youtube.com/watch?v=2BxJcH9RJsI>

Linking Socio-metabolic Research and Practice Approaches for Studying Consumption - Helmut Haberl

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=M7Ewvg1EN28&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A&index=7)

[v=M7Ewvg1EN28&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A&index=7](https://www.youtube.com/watch?v=M7Ewvg1EN28&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A&index=7)

(De)constructing Capitalism - Anke Schaffartzik

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=a6qkHP4DVoI&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A)

[v=a6qkHP4DVoI&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A](https://www.youtube.com/watch?v=a6qkHP4DVoI&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A)

An Introduction to the Social Ecology of Capital - Eric Pineault

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=4X6zRgmP6lo&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A&index=6)

[v=4X6zRgmP6lo&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A&index=6](https://www.youtube.com/watch?v=4X6zRgmP6lo&list=PLJ9WRXLow7NJBcauTRODgNe1oJ-O9PL8A&index=6)

Growth, Degrowth, Agrowth: The Ecopolitics Podcast by Susan Paulson & Bengi Akbulut

<https://www.ecopoliticspodcast.ca/episode-2-11-growth-degrowth-agrowth/>

## b. Cases

### Articles

Magalhães, N. et al. (2019). The physical economy of France (1830–2015). The history of a parasite?. *Ecological Economics*, 157, 291–300.

Haberl, H., et al. (2020). A systematic review of the evidence on decoupling of GDP, resource use and GHG emissions, part II: synthesizing the insights. *Environmental research letters*, 15(6), 065003.

Haberl, H., et al. (2023). Built structures influence patterns of energy demand and CO2 emissions across countries. *Nature Communications*, 14(1), 1–10.  
<https://doi.org/10.1038/s41467-023-39728-3>.

Augiseau, V., & Barles, S. (2017). Studying construction materials flows and stock: A review. *Resources, Conservation and Recycling*, 123, 153–164.  
<https://doi.org/10.1016/j.resconrec.2016.09.002>.

Pineault, E. (2021). The ghosts of progress: Contradictory materialities of the capitalist Golden Age. *Anthropological Theory*. <https://doi.org/10.1177/1463499620980292>.

