



Dorothée CHARLIER, Florian FIZAIN (IREGE, USMB)

Does become richer brings the solution to the finite resource issue?

During the last three decades, many industrializing countries have experienced economic growth, which concurred with a substantial increase in the use of materials. This fact questions the relationship between the use of biomass, fossil fuels and minerals and economic growth. Using a Material Kuznets Curve framework, this study investigates whether material use reaches a maximum for a given level of development and declines thereafter. Using a new indicator, the material footprint (that quantifies all materials extracted to produce a country's final demand, including materials embodied in imports), we investigate this nexus confronting for the first-time different methodologies in a same empirical study. More especially, we measure the evolution of material footprint (per capita) elasticity to gdp (per capita) in three different ways. As main results, all models lead to a same nature and seem to indicate a strong and permanent link between economic growth/ economic development and raw material consumption. There is no sign of strong decoupling. Improving development and adoption of technologies becomes an emergency.

Séminaire de recherche

12H30—Salle 103 (IAE SMB Annecy)

<https://doodle.com/poll/xxpu9d829iynthtc>

## Agenda

Pas de séminaire les jeudis 5 et 12 décembre.

Rendez-vous le 9 janvier 2020 !

## Calendrier des séminaires

<https://urlz.fr/aB9N>