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Political-industrial ecology

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Political-industrial ecology

Political-industrial ecology: a recent approach developed by geographers and political ecologists that “entails an importing of method and an exporting of spatial sensitivity and critical political economy” (from Newell, Cousins, 2015). The aim is to use quantitative methods from industrial ecology and social ecology to inform a radical critique of metabolic processes in terms of urban political ecology. The understanding of the urban metabolism of industrial-political ecology reaches this stage by combining an extensive Marxist apparatus, which combines socio-political dynamics with largely qualitative and spatialized methodological approaches by revealing the 'hidden' flows of material and energy consumption. It is therefore a question of territorialising urban metabolism, in order, for example, to show the impact relationships in terms of environmental and social injustice.

Newell, J.P., Cousins, J.J. 2015. The boundaries of urban metabolism: Towards a political–industrial ecology. *Progress in Human Geography*, 39:702–728.

Pincetl, S., Newell, J.P., 2017. Why data for a political-industrial ecology of cities? *Geoforum* 85: 381-391.

See also: Urban metabolism