

Fujibe, F., 2015: Comments on "Anthropogenic heat release: Estimation of global distribution and possible climate effect" by Chen B. et al. *J. Meteor. Soc. Japan*, **93**, 501-503.

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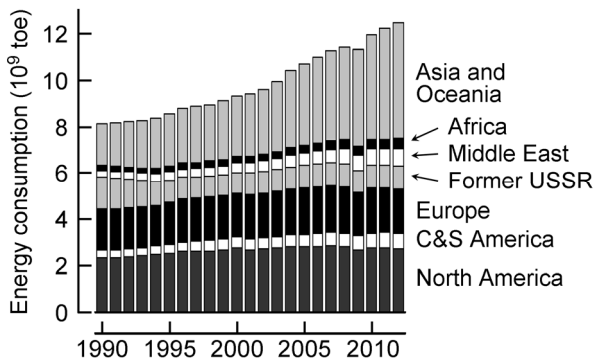


Figure 1. Annual energy consumption in the world and regions.

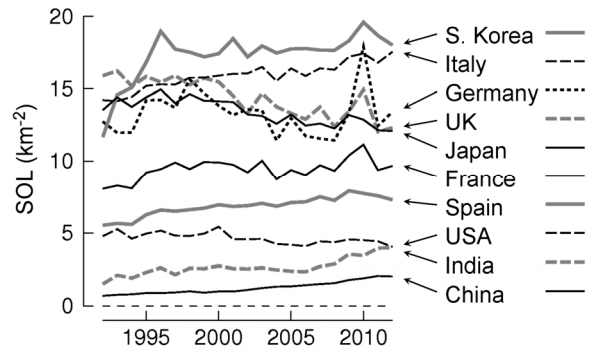


Figure 2. Trends of "mean SOL (sum of lights)" per unit area for each country.

- Figs. 2 and 3 of Chen et al. (2014; C14) show a rapid increase of anthropogenic heat release in many regions of the world.
- However, existing data show no remarkable increase in energy consumption in Europe and North America (Figure 1). Also, no remarkable change is found for the intensity of night lights (SOL = sum of lights), except in China and India (Figure 2).
- There is therefore serious doubt about the validity of C14's results.