



Fig. 1. (a) Annual rate of change in fuel use and real GNP in the United States from 1890 to 1982 (55, 56). Fuel use includes fossil fuels, nuclear, and hydropower. (b) Fuel use and real GNP per year. (c) Results of linear regression model between fuel use and real GNP in the United States from 1890 to 1982. The numbers in parentheses are t -statistics. Hydro and nuclear power converted to thermal units based on prevailing heat rates at fossil steam electric plants (55, 56).