

Appendix A

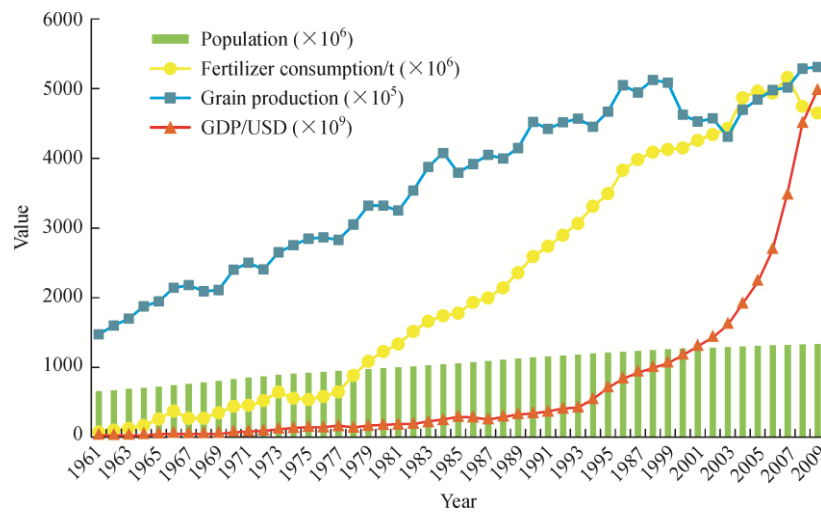


Fig. S1 The changes of population, fertilizer consumption, grain production, population, and GDP in China from 1961 to 2009^[1]

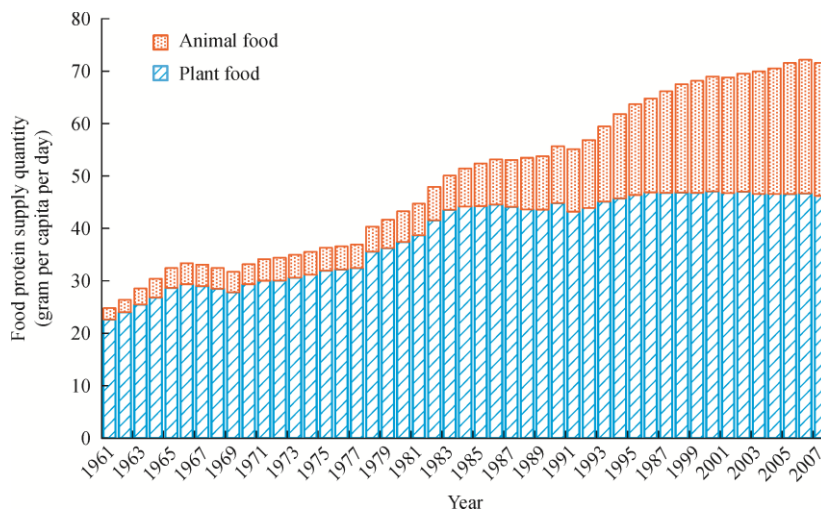


Fig. S2 The amount of food protein consumption in China from 1961 to 2007^[1]

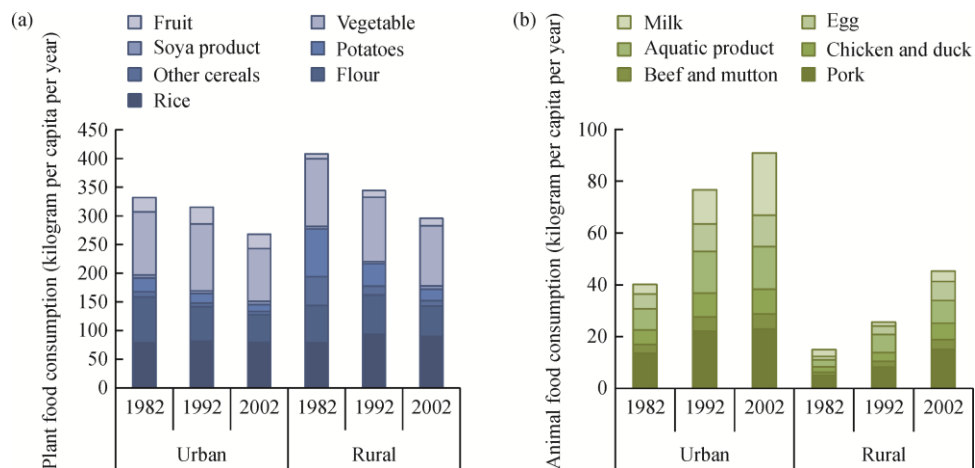


Fig. S3 Quantities of plant food (a) and animal food (b) consumption per capita per year of China in 1982, 1992 and 2002^[2]

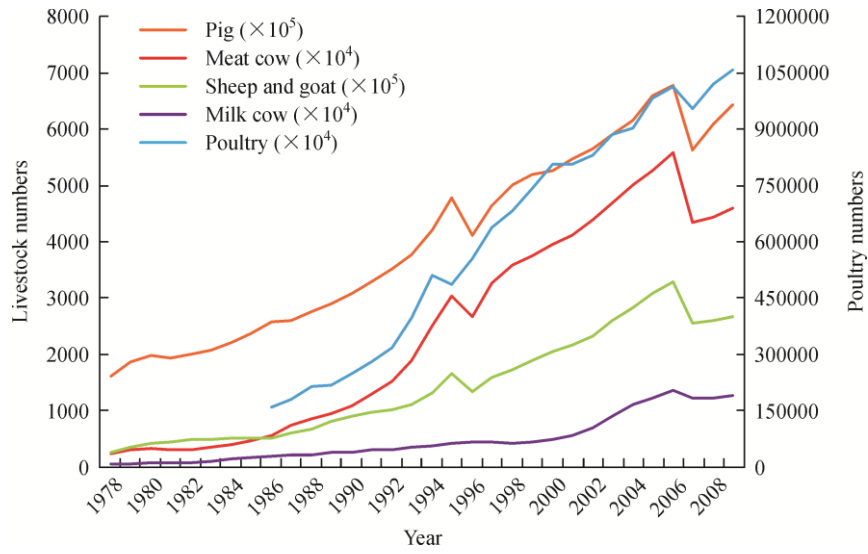


Fig. S4 The animal numbers in China from 1978 to 2009^[3]

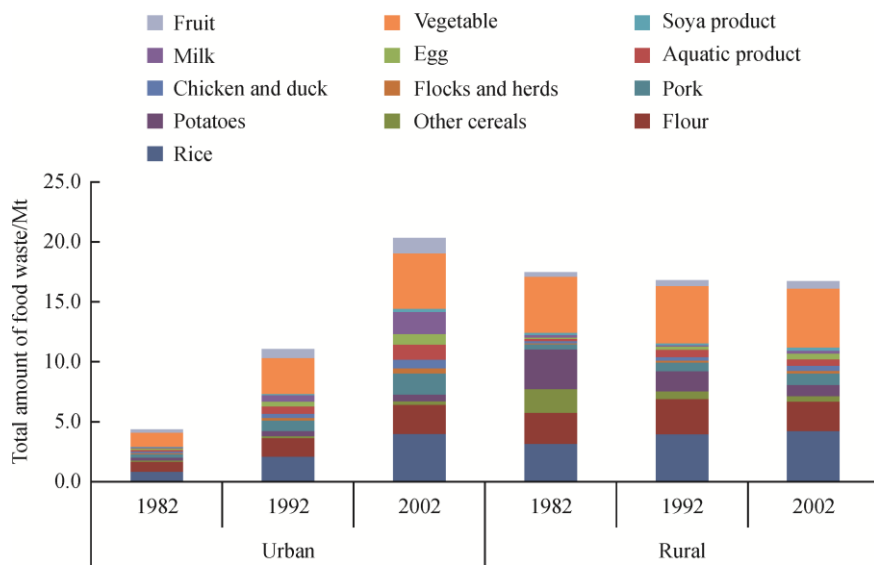


Fig. S5 The total amount food waste in the household of China in 1982, 1992 and 2002^[4]

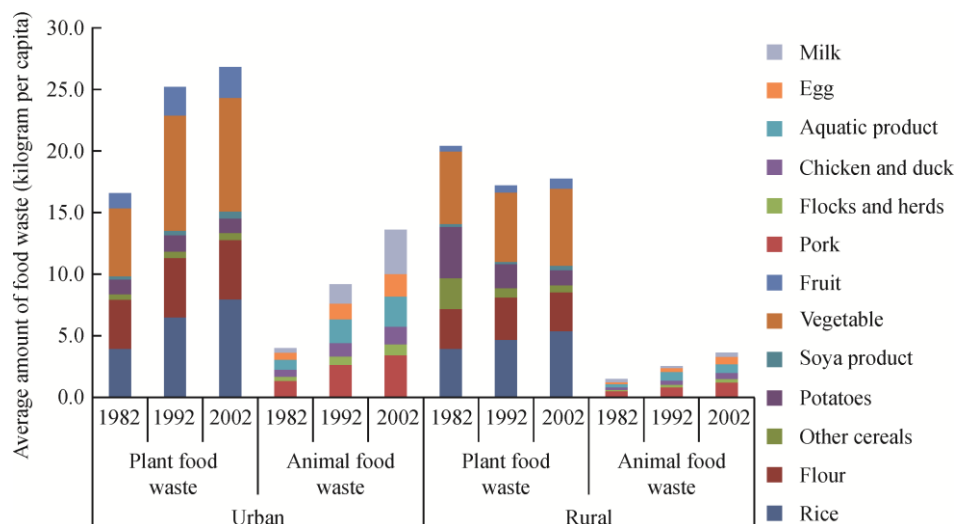


Fig. S6 The average amount food waste in the household of China in 1982, 1992 and 2002^[4]

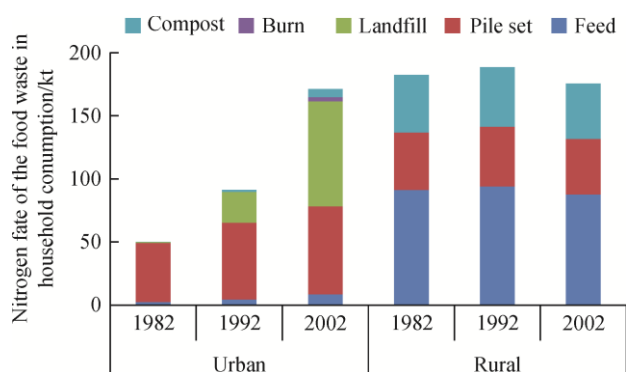


Fig. S7 Nitrogen fate of the food waste in household consumption in urban and rural of China in 1982, 1992 and 2002

References

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2. Zhai F, Wang H, Du S, He Y, Wang Z, Ge K. Lifespan nutrition and changing socio-economic conditions in China. *Asia Pacific Journal of Clinical Nutrition*, 2007, **16**: 374–382
3. ECCAP (Editor Committee of China Animal Production Yearbook). China animal production yearbook. Beijing: *China Agricultural Publishing House*, 2011 (in Chinese)
4. Wei J, Ma L, Lu G. The influence of urbanization on nitrogen flow and recycling utilization in food consumption system of China. *Acta Ecologica Sinica*, 2008, **28**(3):1016–1025 (in Chinese)