Supplementary:

Table S1. Detailed Explanation of Ecosystem Service Valuation Formulas

Symbol	Definition	Data source
ESV_j	ecosystem service value (ESV) attributable to a given land use category	-
Q	the standardized equivalent factor coefficient	the Zhejiang Statistical Yearbook, Chun'an Statistical Yearbook, and National Compila-tion of Cost and Revenue Data for Agricultural Products
P_j	the equivalent factor for distinct land-use types	Costanza et al., 1997; Xie et al., 2017
S_j	the actual area of each land-use type	https://zenodo.org/records/12779975
$\frac{NDVI_{county}}{NDVI_{national}}$	the ecological quality index in Chun'an County and the whole country	http://www.resdc.cn/
$\frac{GDP_{county}}{GDP_{national}}$	the economic development level in Chun'an County and the whole country	https://datadryad.org/stash/dataset/doi:10.5061/dryad.dk1j0
$\frac{ln_{county}}{ln_{national}}$	the population density index in Chun'an County and the whole country	https://www.climatologylab.org/