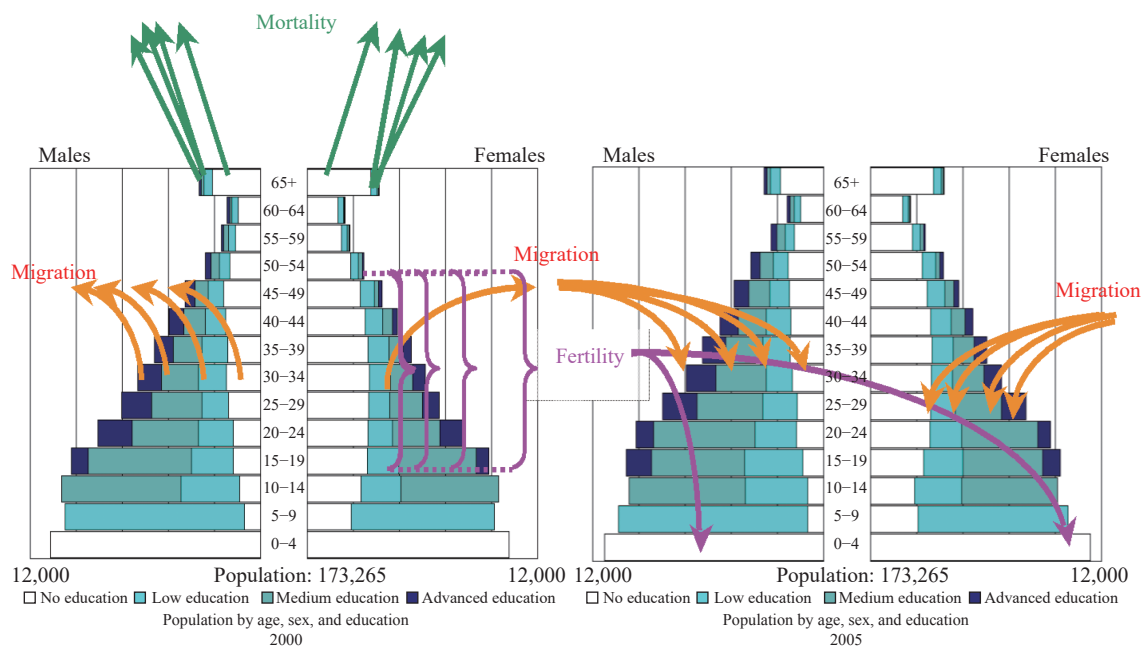




SUPPLEMENTARY FIGURE 1. The principle of Population-Development-Environment model (PDE) models.

SUPPLEMENTARY TABLE S1. Assumptions of Total Fertility Rate in China, 2015–2050.

Year	Total fertility rate
Scenario 1	
2015	1.41
2016	1.77
2017	1.72
2018–2020	1.60
2021–2050	1.70
Scenario 2	
2015	1.41
2016	1.77
2017	1.72
2018–2020	1.60
2021–2025	1.70
2026–2050	1.60
Scenario 3	
2015	1.41
2016	1.73
2017	1.67
2018	1.30
2019	1.30
2020–2050	1.30