

Supporting Online Material for

Ecosystem Services Changes on Farmland in Response to Urbanization in the Guangdong–Hong Kong–Macao Greater Bay Area of China

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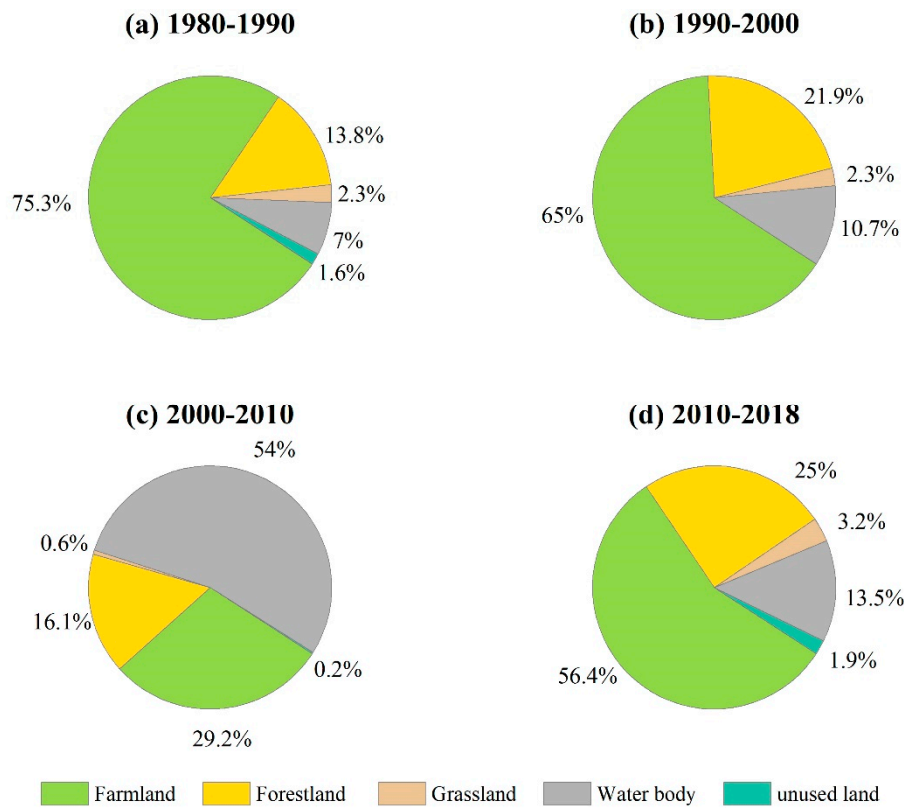
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Table S1 and Figure S1

Supplementary Table. 1 ESV changes of the farmland in the GBA from 1980 to 2018 (million yuan)

	1980-1990	1990-2000	2000-2010	2010-2018
Dry land	-506.7	149.9	-2525.0	-410.2
Paddy field	-2302.4	-131.1	-5250.7	-715.3
Farmland	-2809.0	18.8	-7775.6	-1125.5



Supplementary Figure. 1 Conversion percentages of the different land use types into construction land in the GBA from 1980 to 2018. From 1980-1990 and 1990-2000, farmland was the dominant land use type that was converted into construction land, with conversion percentages of 75.3% and 65%, respectively. From 2000-2010, the contribution of farmland to construction land was relatively small with 29.2%, only less than water body. From 2010 to 2018, the conversion from farmland into construction land was the highest with 56.4%. In other words, farmland made significant contributions for urbanization during the past four decades.