

References

Stimulus 1

Adapted from Figure 8 in Idowu, D & Zhou, W 2021, 'Land use and land cover change assessment in the context of flood hazard in Lagos State, Nigeria', *Water*, vol. 13, no. 8, p. 1105, <https://doi.org/10.3390/w13081105>. Creative Commons Attribution 4.0 (CC BY 4.0).

Stimulus 2

Adapted from Figure 5 in Twumasi, Y et al. 2020, 'Degradation of Urban Green Spaces in Lagos, Nigeria: Evidence from Satellite and Demographic Data', *Advances in Remote Sensing*, vol. 9, pp. 33–52. doi: 10.4236/ars.2020.91003. Licensed Creative Commons Attribution 4.0 International License.

Stimulus 3 and 4

Data sourced from: Croitoru, L, Chang, JC & Akpokodje, J 2020, 'The health cost of ambient air pollution in Lagos', *Journal of Environmental Protection*, vol. 11, no. 9, pp. 753–765, <https://doi.org/10.4236/jep.2020.119046>. Licensed Creative Commons Attribution 4.0 International License.

Stimulus 5

Croitoru, L, Miranda, JJ, Khattabi, A, & Lee, JJ 2020, *The Cost of Coastal Zone Degradation in Nigeria: Cross River, Delta and Lagos States*. © World Bank, Washington, DC. <http://hdl.handle.net/10986/34758> Licence CC BY 3.0 IGO.

Stimulus 6

Data sourced from: Farrell, K 2018, 'An inquiry into the nature and causes of Nigeria's rapid urban transition', *Urban Forum*, vol. 29, pp. 277–298, DOI:10.1007/s12132-018-9335-6 Licensed Creative Commons Attribution 4.0.

Stimulus 7

Data adapted from: Farrell, K 2018, 'An inquiry into the nature and causes of Nigeria's rapid urban transition', *Urban Forum*, vol. 29, pp. 277–298, DOI:10.1007/s12132-018-9335-6 Licensed Creative Commons Attribution 4.0.

External assessment 2023

Stimulus book

Geography

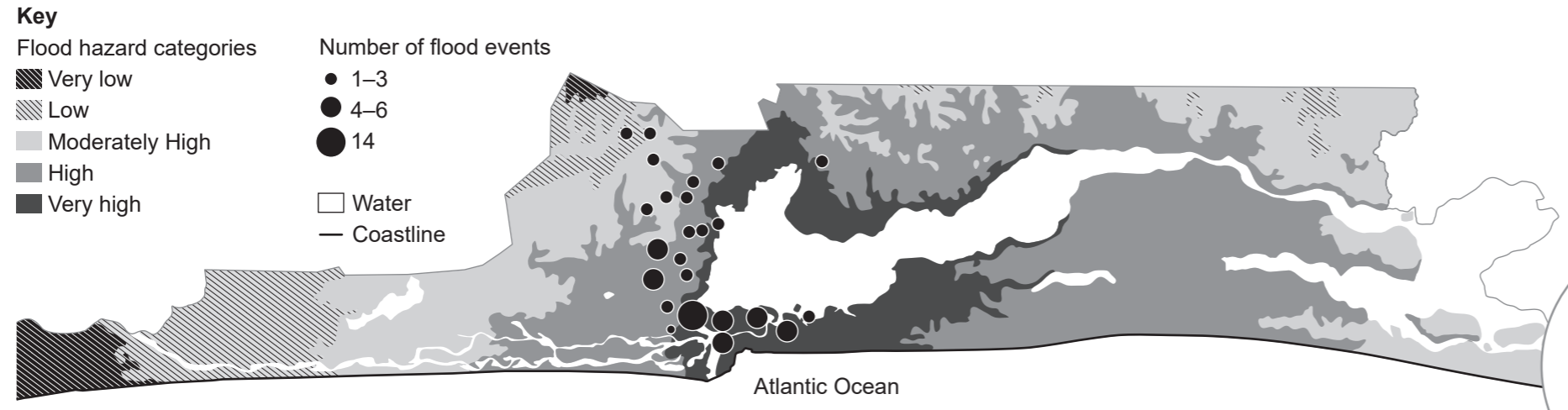
General instruction

- Work in this book will not be marked.

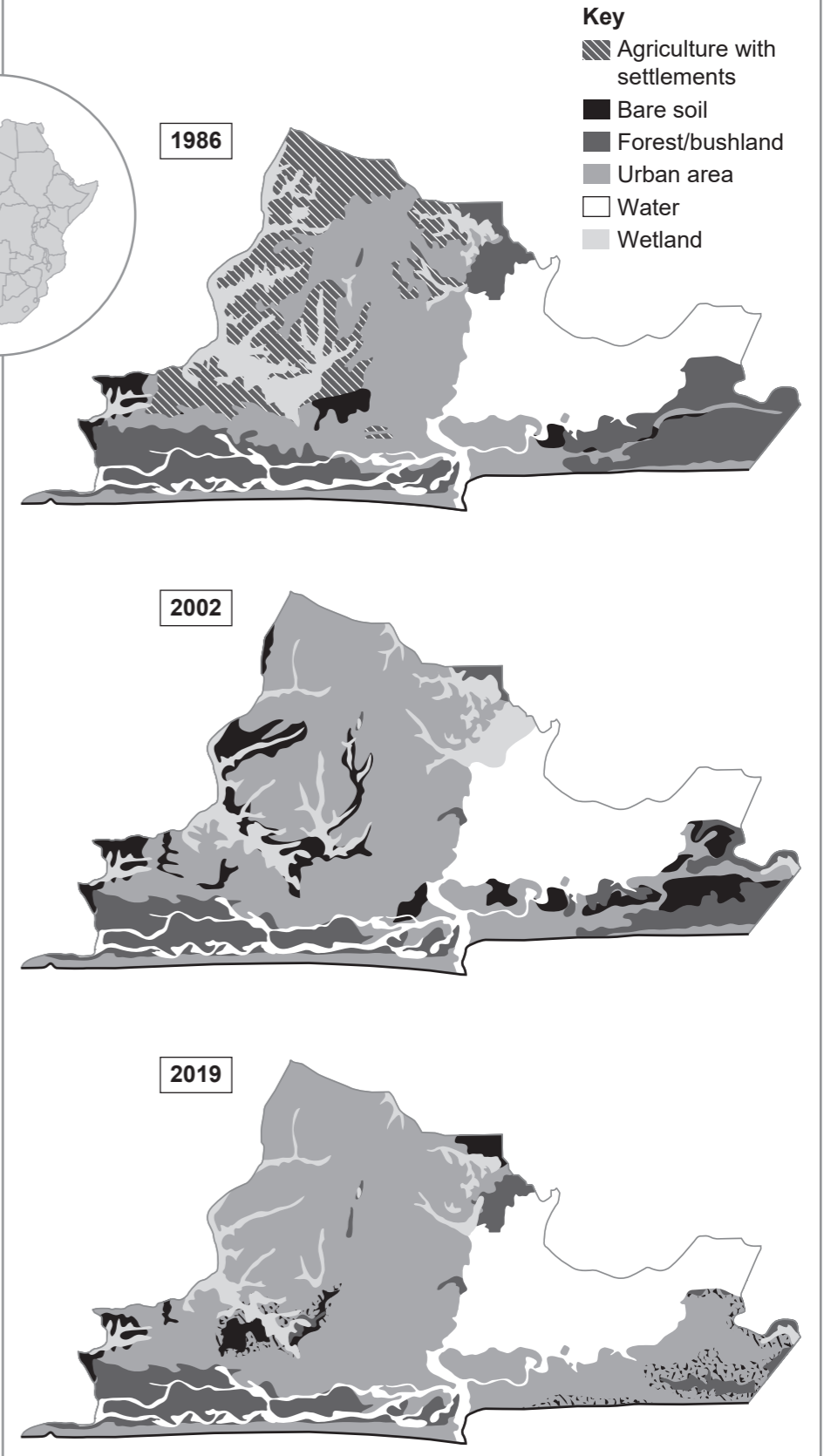
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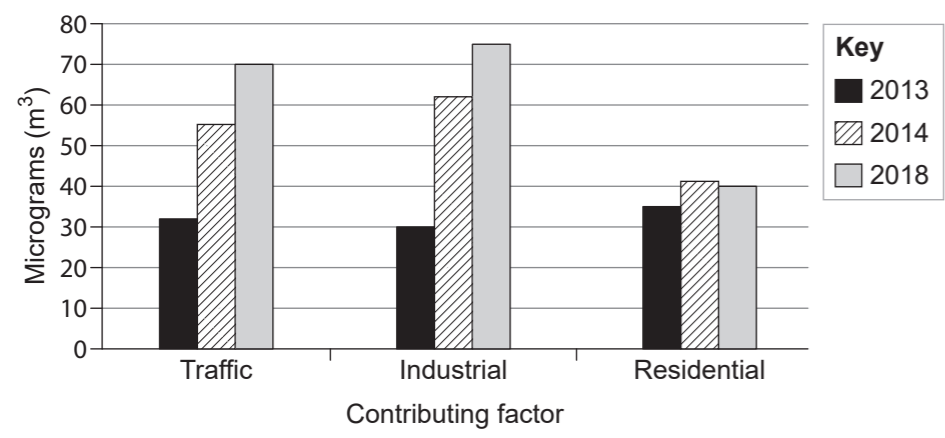
Stimulus 1: Flood hazard map showing number of flood events, Lagos State, 1986–2020



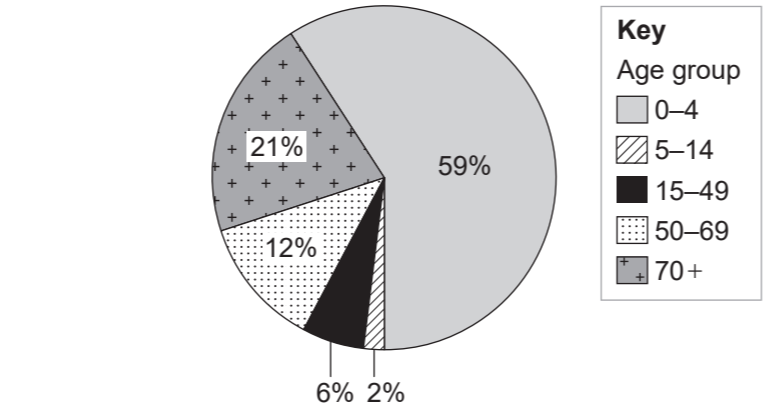
Stimulus 2: Land cover maps of Lagos city, Nigeria, 1986–2019



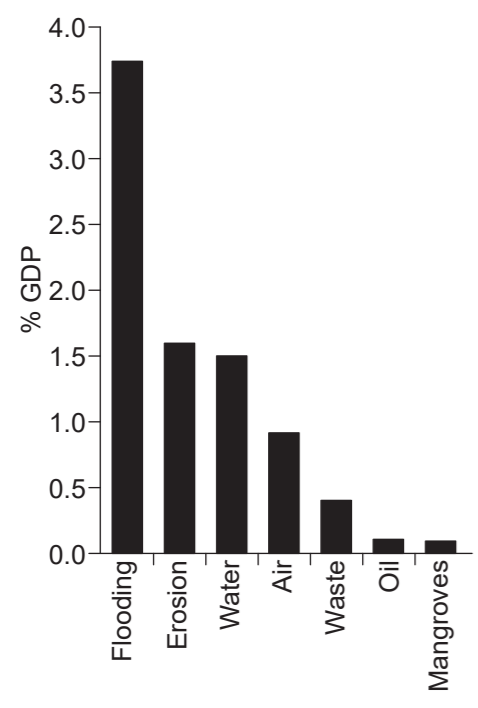
Stimulus 3: Ambient PM2.5 concentration, Lagos city, 2013–2018



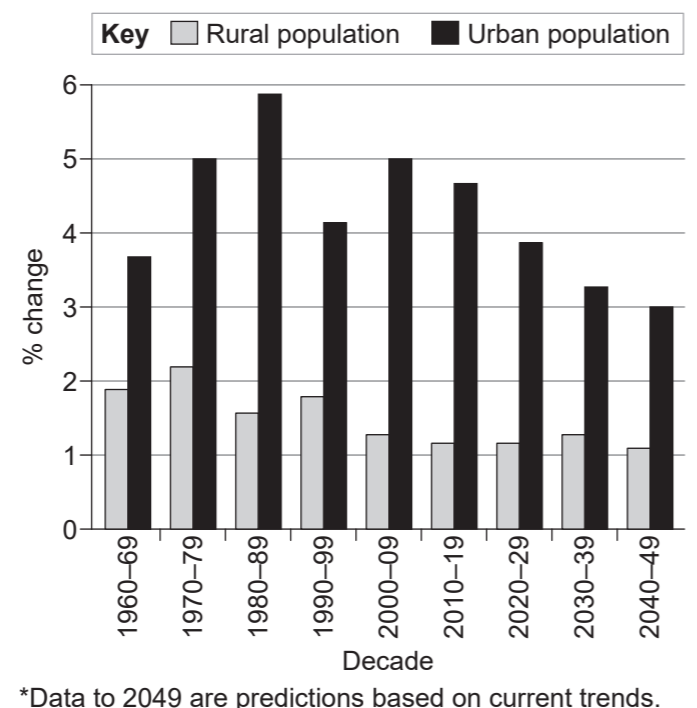
Stimulus 4: Deaths due to ambient air pollution, Lagos city (PM2.5), 2018



Stimulus 5: Cost of environmental degradation, Lagos State, 2018



Stimulus 6: Urban and rural population growth rates*, Nigerian cities, 1960–2049



Stimulus 7: Contribution to urban population, Nigerian cities, 1960–2009

