



NANYANG JUNIOR COLLEGE

Year 2 Preliminary Examination

H1 GEOGRAPHY

8834/01

17 Sept 2025

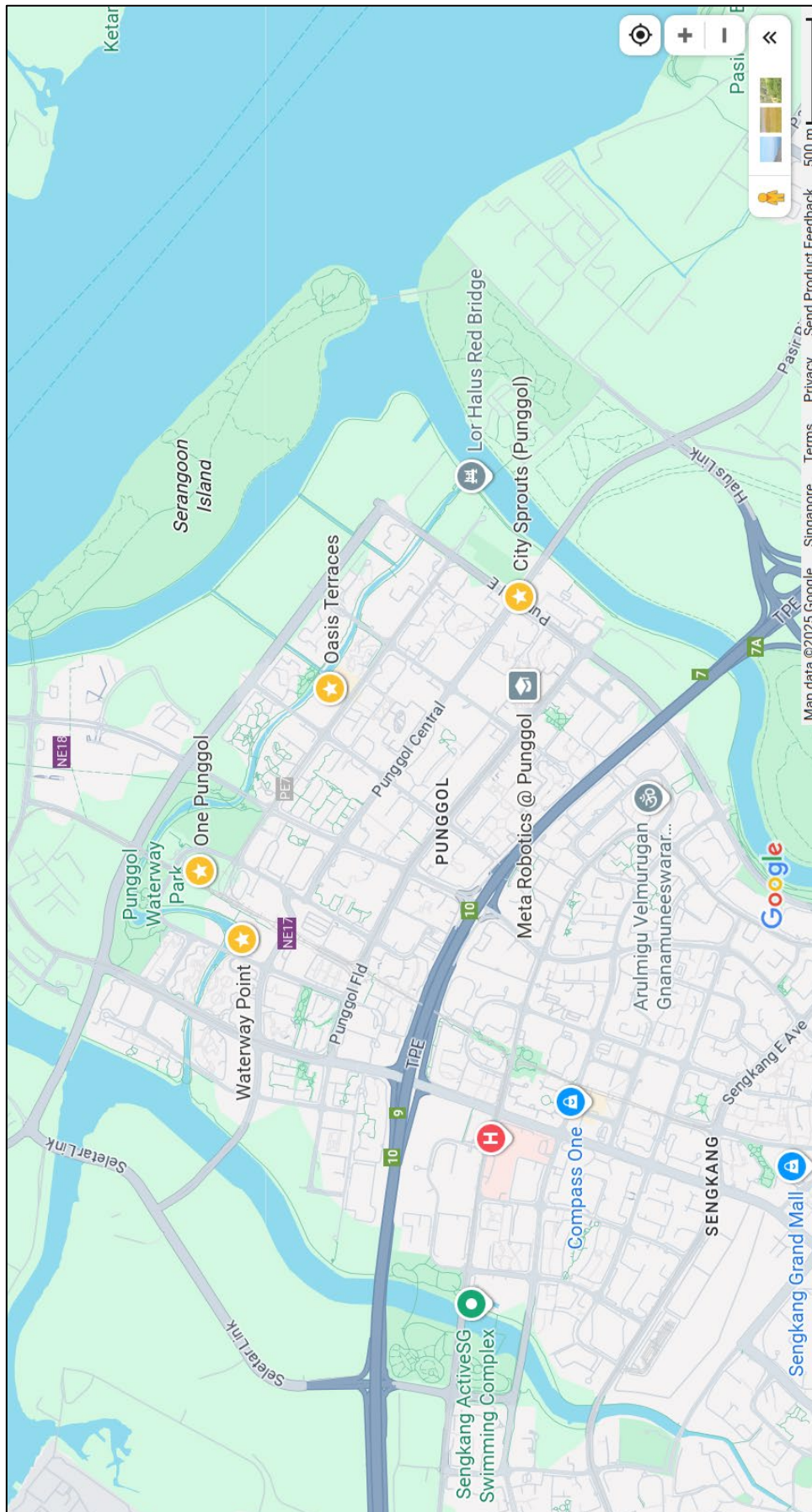
INSERT

3 hours

READ THESE INSTRUCTIONS FIRST

This Insert contains all the Resources referred to in the questions.

Resource 1 for Question 1
Map of Punggol highlighting the four sites investigated



Resource 2A for Question 1
Punggol Waterway Park - Tree planting (50 trees) and organic mulching by
NurtureStars Punggol



<https://www.straitstimes.com/singapore/singapores-greening-journey-marks-milestone-with-50-trees-planted-at-punggol-waterway-park>



https://www.littlelives.com/community/startsmalldreambig/stories/nurturestars-punggol-nurturing-punggol-waterway-park-through-organic-mulching-2852?utm_source=chatgpt.com

Resource 2B for Question 1
One Punggol - MakeIT space at Punggol Regional Library offering upcycling workshops (e.g., sewing, crafting)



<https://www.nlb.gov.sg/main/site/learnx/explore-communities/explore-communities-content/Sew-and-Steady>

Resource 2C for Question 1
Oasis Terraces – Community participation in rooftop gardening



<https://www.facebook.com/OasisTerraces/posts/did-you-know-that-oasis-terraces-has-a-community-garden-situated-at-the-level-6-/415278499016256/>

Resource 2D for Question 1
City Sprouts @ Punggol – Residents exploring a pop-up urban farming stall that promotes sustainable living



https://www.instagram.com/p/CyLRML-yY5x/?img_index=7

Resource 3 for Question 1
Questionnaire Survey

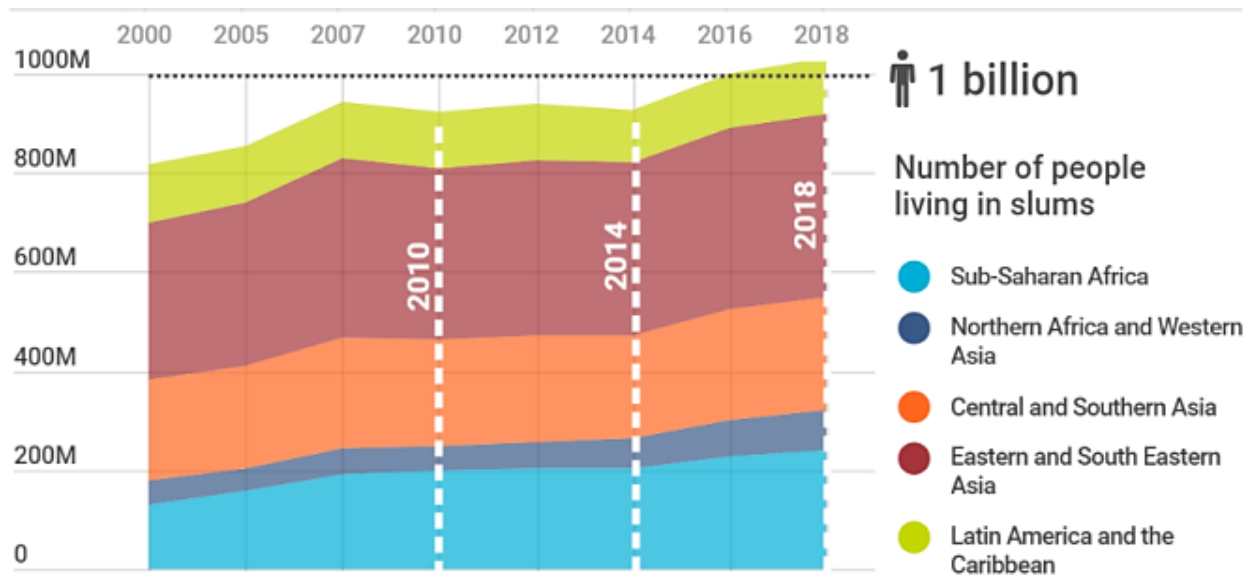
1. **Age group:**
 - ☐ Below 18
 - ☐ 18–30
 - ☐ 31–50
 - ☐ 51–70
 - ☐ Above 70
2. **How aware are you of climate adaptive initiatives in Punggol?**
 - ☐ Very aware
 - ☐ Somewhat aware
 - ☐ Not sure
 - ☐ Not aware at all
3. **Which of the following climate adaptive initiatives have you participated in / heard of before? (Choose all that apply)**
 - ☐ Tree planting at Punggol Waterway Park
 - ☐ Upcycling workshop at One Punggol (MakeIT)
 - ☐ Rooftop gardening at Oasis Terraces
 - ☐ Community gardening at City Sprouts @ Punggol
4. **How likely are you to participate in a future climate initiative in your neighbourhood?**
 - ☐ Very likely
 - ☐ Somewhat likely
 - ☐ Neutral
 - ☐ Unlikely
 - ☐ Not at all
5. **What motivates you the most to join climate initiatives?**
 - ☐ Environmental concern
 - ☐ Community bonding
 - ☐ Personal learning/skills (gardening, upcycling, etc.)
 - ☐ School/work requirement
 - ☐ Not interested
6. **What do you think is the biggest challenge for residents in Punggol to participate in climate initiatives?**
 - ☐ Lack of time
 - ☐ Lack of awareness of activities
 - ☐ Not interested in environmental issues
 - ☐ Activities are inconveniently located/timed
 - ☐ Other: _____

Resource 4 for Question 1
Tabulated results of the survey questions

Qn	Response Options	No. of Respondents
Q1. Age group	Below 18	10
	18–30	8
	31–50	2
	51–70	4
	Above 70	1
Q2. How aware are you of climate adaptive initiatives in Punggol?	Very aware	6
	Somewhat aware	12
	Not sure	5
	Not aware at all	2
Q3. Which of the following climate adaptive initiatives have you participated in / heard of before?	Tree planting (Punggol Waterway Park)	8
	Upcycling (One Punggol)	2
	Rooftop gardening (Oasis Terraces)	3
	Community gardening (City Sprouts @ Punggol)	1
Q4. How likely are you to participate in a future climate initiative in your neighbourhood?	Very likely	6
	Somewhat likely	7
	Neutral	9
	Unlikely	3
	Not at all	0
Q5. What motivates you the most to join climate initiatives?	Environmental concern	7
	Community bonding	4
	Personal learning / skills	5
	School / work requirement	3
	Not interested	6
Q6. What do you think is the biggest challenge for residents in Punggol to participate in climate initiatives?	Lack of time	12
	Lack of awareness of activities	5
	Not interested in environmental issues	4
	Inconvenient location / timing	3
	Other	1

Resource 5 for Question 2

Number of people living in slums between 2000 to 2018



https://www.habitat.org/sites/default/files/documents/SDG%20Progress%20Report_0.pdf

Resource 6 for Question 2

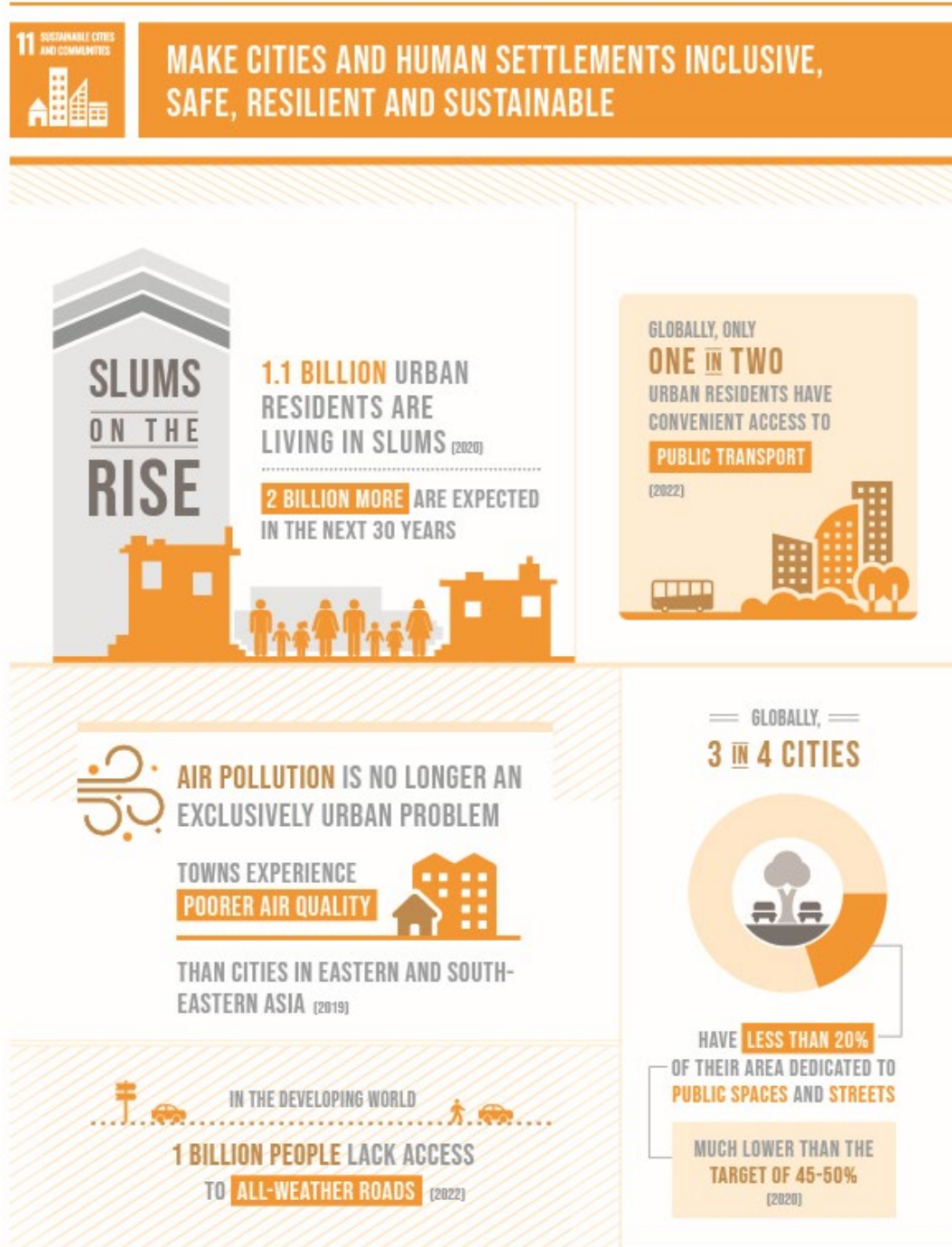
Photograph of a slum in Nairobi, Kenya



<https://www.wikiwand.com/en/articles/Kibera>

Resource 7 for Question 2

Infographic of SDG 11 on Making cities and human settlements inclusive, safe and resilient and sustainable



THE SUSTAINABLE DEVELOPMENT GOALS REPORT 2023: SPECIAL EDITION- [UNSTATS.UN.ORG/SDGS/REPORT/2023/](https://unstats.un.org/sdgs/report/2023/)

<https://www.agilico.co.uk/un-sdg11-sustainable-cities-and-communities/>

Resource 8 for Question 2

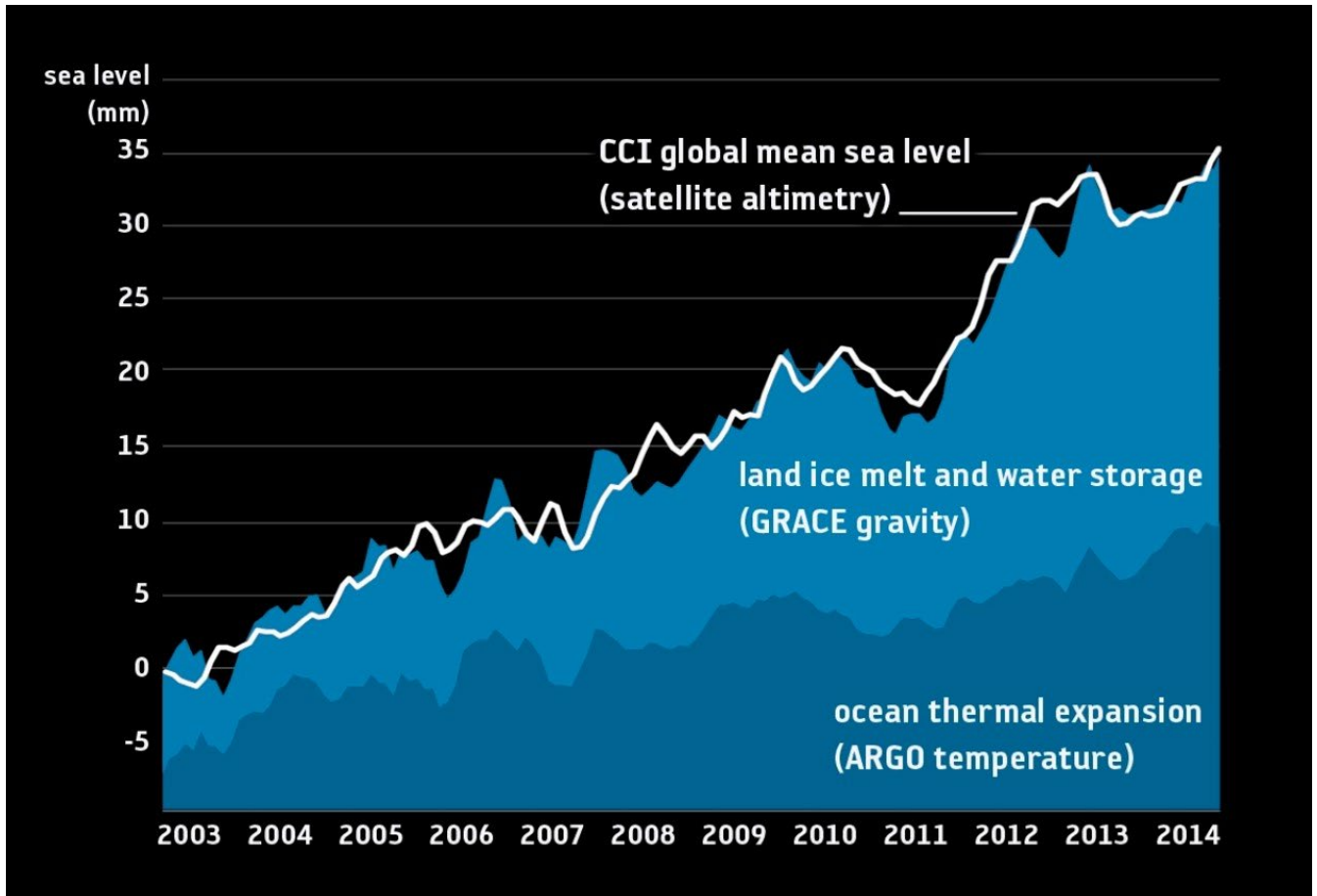
Photograph showing a slum settlement in Africa before and after an in-situ upgrading project



<https://www.acash.org.pk/topics/different-approaches-to-slum-upgrading/>

Resource 9 for Question 3

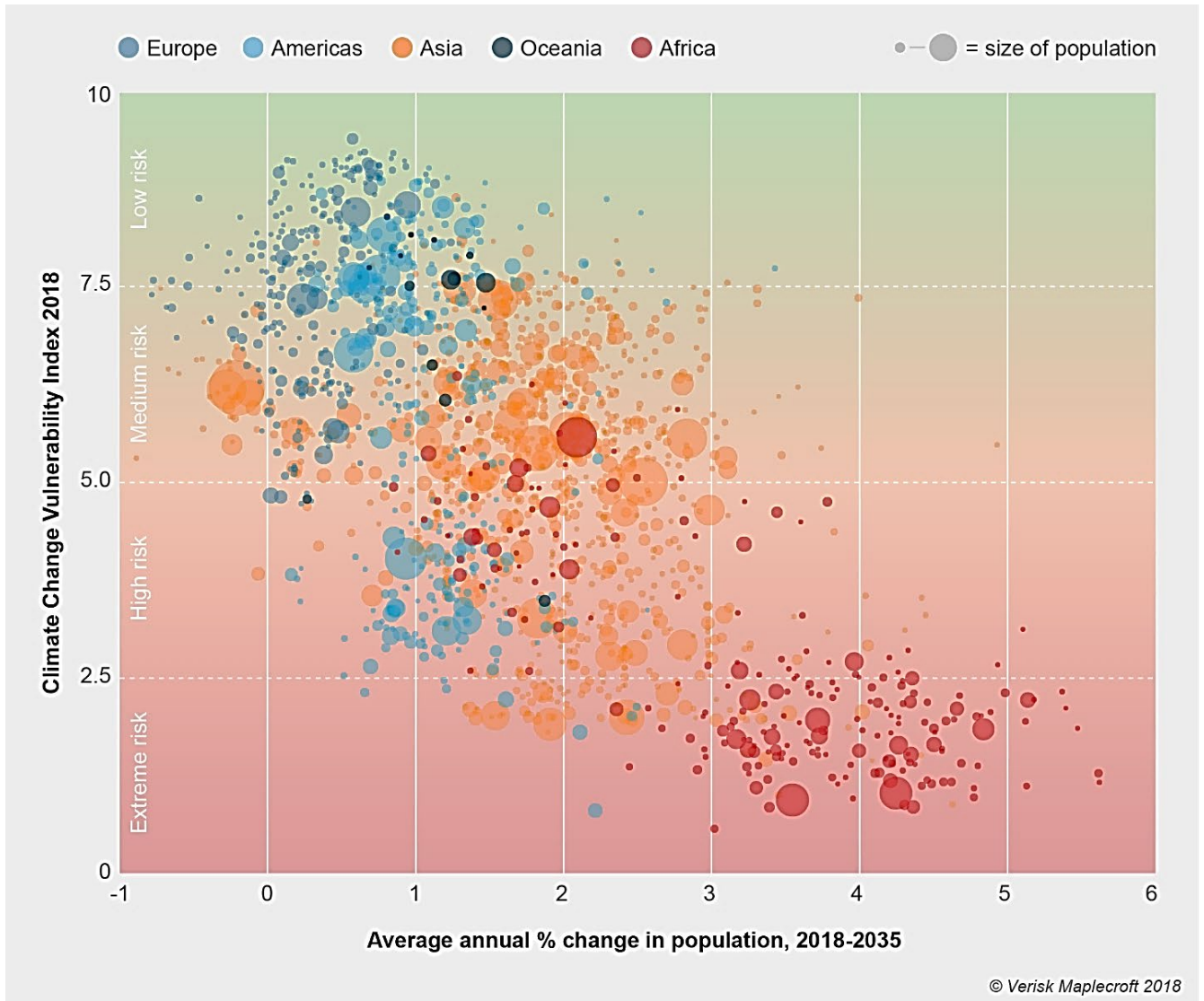
Contributors to Global Sea Level Rise between 2003 and 2014



<https://climate.esa.int/en/Scientific-highlights/Closing-the-sea-level-budget/>

Resource 10 for Question 3

Map showing the degree of vulnerability of cities to climate change in 2018

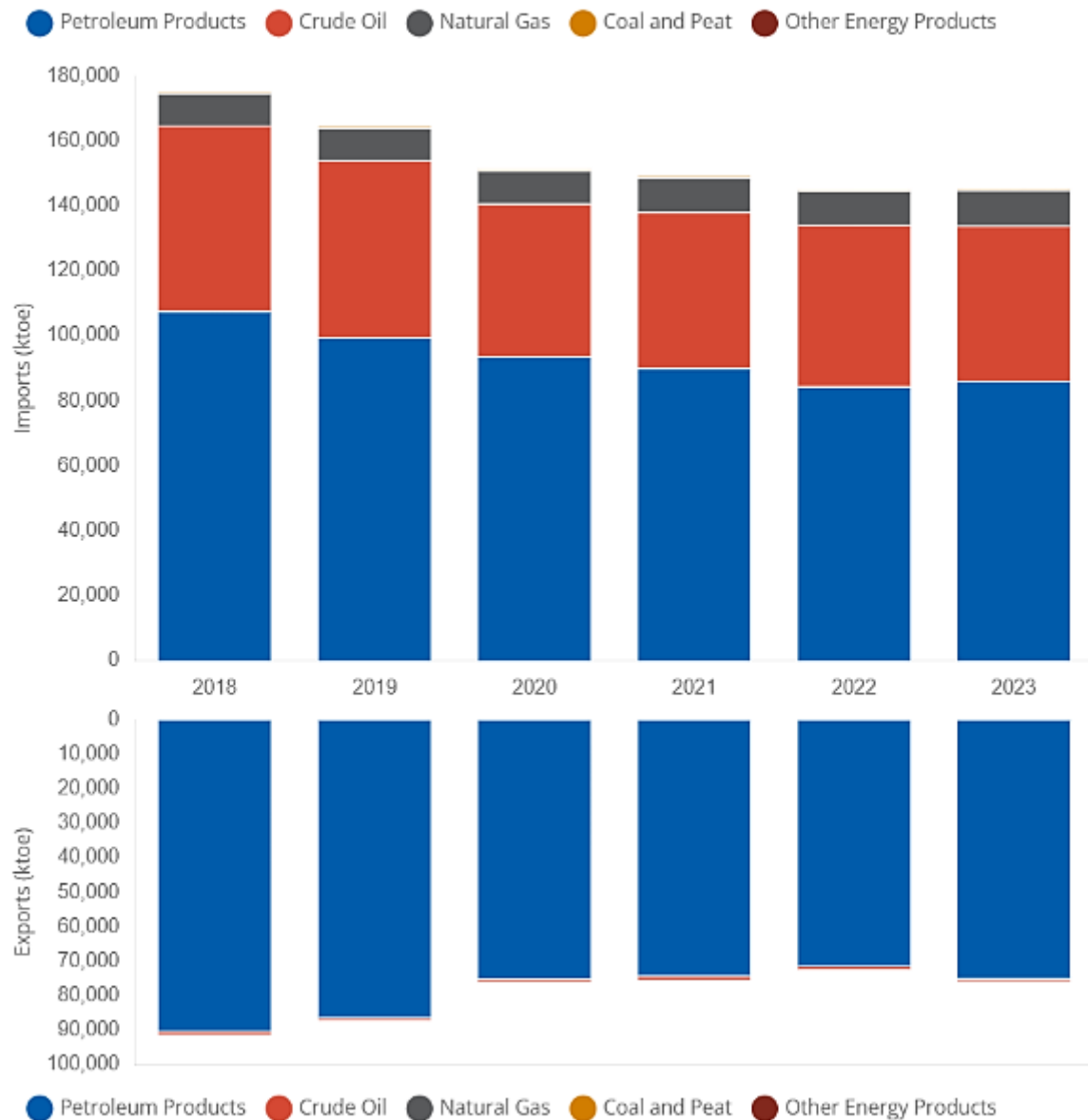


<https://visme.co/blog/climate-change-facts/>

Resource 11 for Question 3

Imports and exports of energy products in Singapore between 2018 and 2023

Imports & Exports of Energy Products



<https://www.ema.gov.sg/resources/singapore-energy-statistics/chapter1>

End of Paper