



VICTORIA JUNIOR COLLEGE

JC2 PRELIMINARY EXAMINATIONS 2025

H1 GEOGRAPHY

8834/01

INSERT

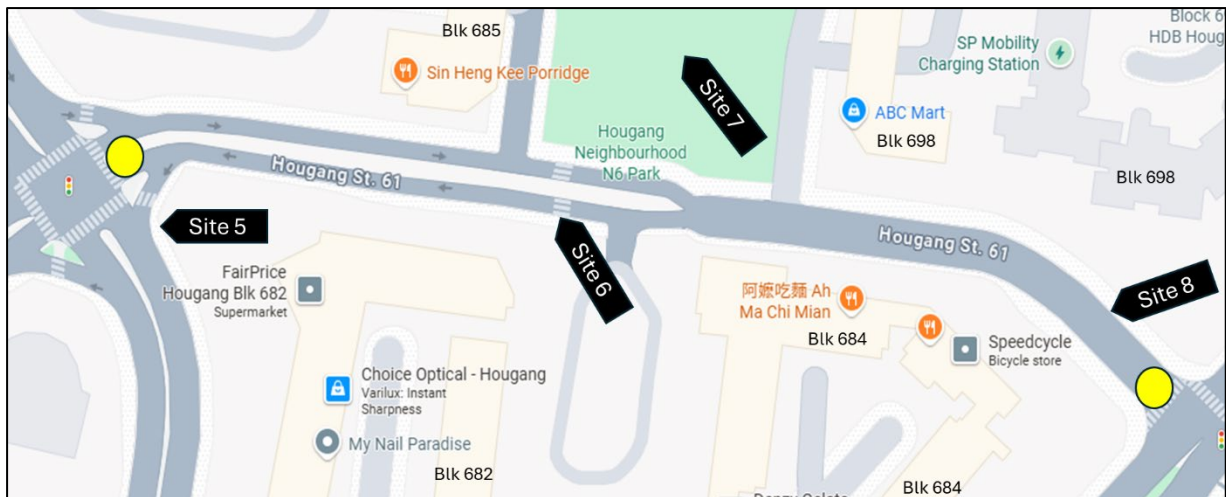
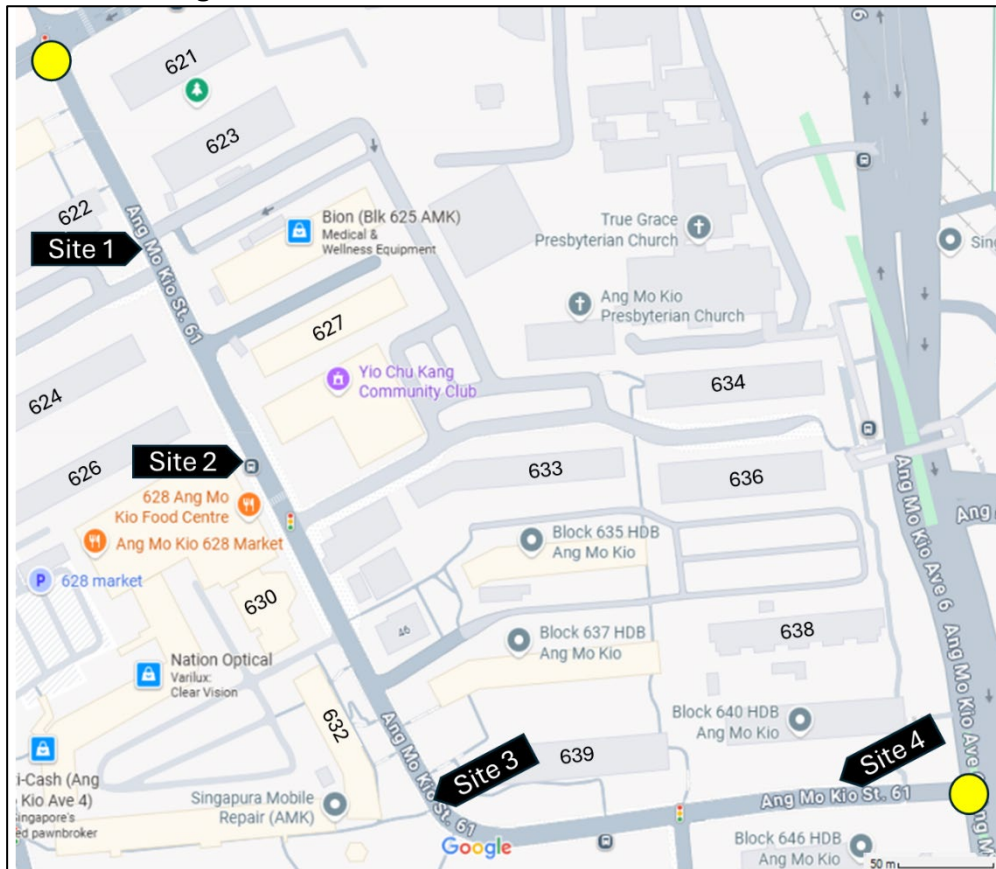
3 hours

READ THESE INSTRUCTIONS

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

Resource 1 for Question 1

Two streets (Ang Mo Kio Street 61 at the top and Hougang Street 61 at the bottom) and eight sites where students conducted their fieldwork



Legend:	
	Pedestrian crossing and Zebra crossing
	Traffic lights
	Bus stop
633	Public housing block number
	Road and road name
	Sites where students conducted the questionnaire
	Start and end points of the Silver Zone along the street

Resource 2 for Question 1

Photographs of two of the sites where the students conducted their questionnaire



Ang Mo Kio Street 61 is in the central of Singapore.



Hougang Street 61 is in the northeast of Singapore.

Resource 3 for Question 1

Questionnaire that the students used

Age: 65-69 / 70-74 / 75-79 / 80-84 / more than 85 years old (*please circle)						
Site: Ang Mo Kio Street 61 / Hougang Street 61 *		Please tick only 1 box per question.				
Questions		Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Q1: The additional green man time is helpful for me. 						
Q2: The speed limit along this road makes me feel safer. 						
Q3: The ramp-down crossings and two-stage crossings help me to walk with more confidence. 						
Q4: The anti-slip coating on drain covers helps me to walk safely during rainy days. 						

Note: The photos are from the students' pre-fieldwork internet search and recce.

Resource 4 for Question 1

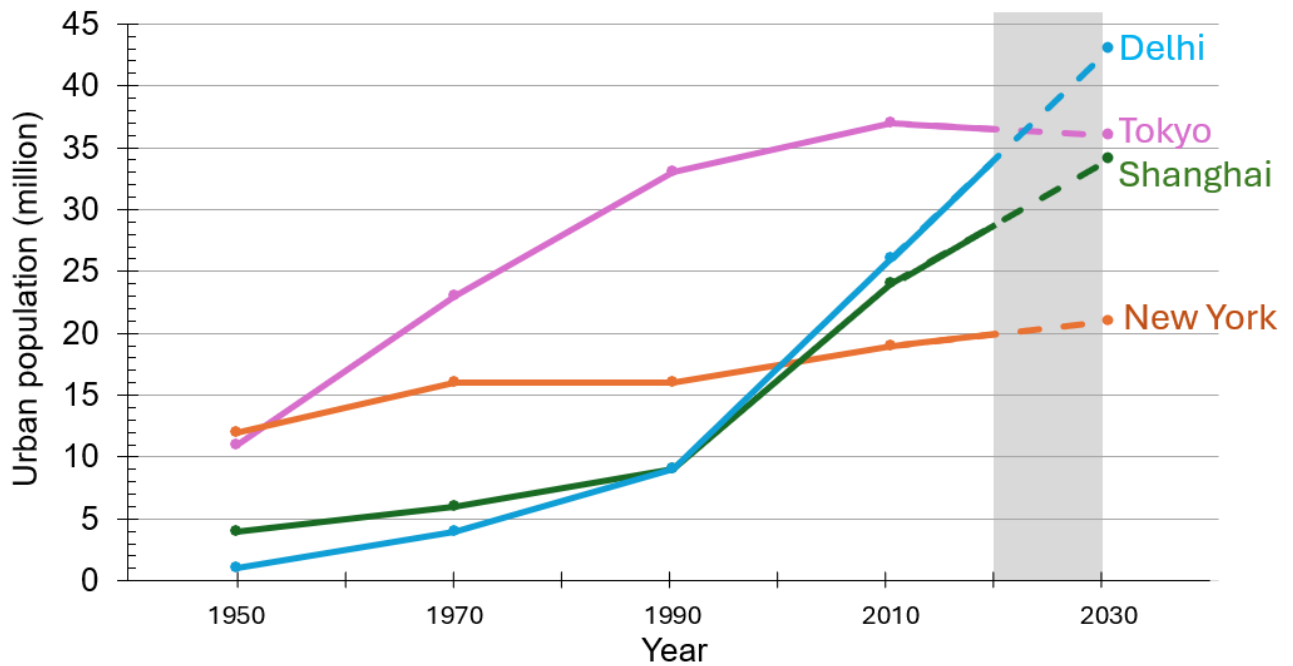
Results from the questionnaire

Site: Ang Mo Kio Street 61					
Questions	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Q1: The additional green man time is helpful for me.	33	27	30	10	0
Q2: The speed limit along this road makes me feel safer.	64	16	10	10	0
Q3: The ramp-down crossings and two-stage crossings help me to walk with more confidence.	10	5	67	8	10
Q4: The anti-slip coating on drain covers helps me to walk safely during rainy days.	0	10	33	27	30

Site: Hougang Street 61					
Questions	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Q1: The additional green man time is helpful for me.	60	7	13	10	10
Q2: The speed limit along this road makes me feel safer.	10	10	70	10	0
Q3: The ramp-down crossings and two-stage crossings help me to walk with more confidence.	1	2	88	9	0
Q4: The anti-slip coating on drain covers helps me to walk safely during rainy days.	5	36	5	30	24

Resource 5 for Question 2

Changes in urban population for 4 cities between 1950 to 2030



Note: Dashed lines indicate projected change within the future time frame (grey box).

Resource 6A for Question 2

Photograph of a section of the abandoned West Side Freight Line before its transformation into the High Line

**Resource 6B for Question 2**

Photographs of some sections of the elevated High Line after urban reimagining



Resource 7 for Question 2**Excerpt of a news article on the High Line published in 2024**

The rezoning of land in New York City (NYC) for skyscrapers and a casino puts the experience of the city's High Line "under threat" according to the founders of Friends of the High Line, Joshua David and Robert Hammond. Friends of the High Line is a non-profit organisation that was founded in 1999 that advocated for the preservation of the High Line. Today, it maintains and operates the High Line in partnership with the city's Department of Parks and Recreation.

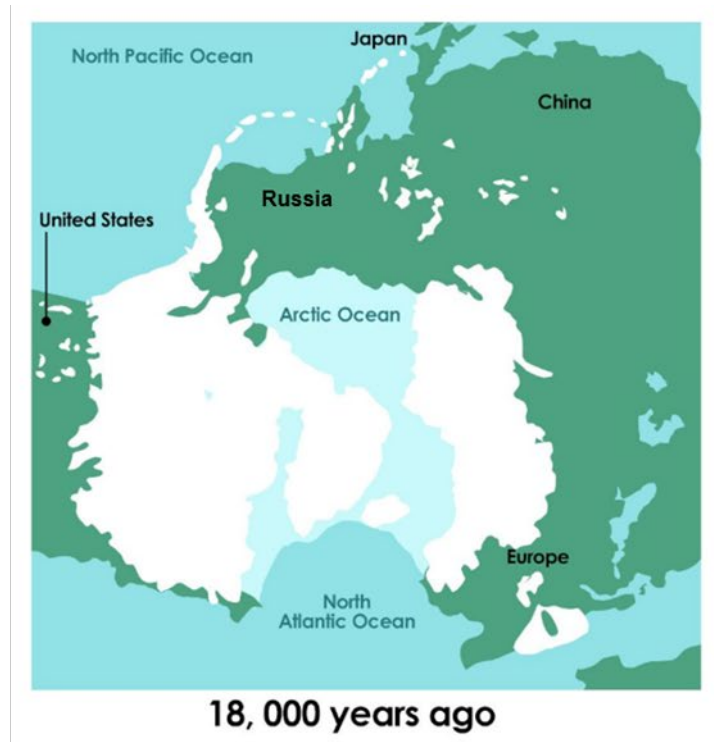
Earlier this year, New York real estate company Related Companies applied for a rezoning of the West Side Yard – an under-utilised train depot adjacent to the skyscraper-filled Hudson Yards development in Manhattan. It released proposed designs for skyscrapers to fill the site and was one of a few to apply for what would be Manhattan's first casino license for the development.

"They are now proposing a massive, Las Vegas-style development on the western rail yard that would wall off city views and go against a hard-won, community-supported plan centered on the development of a major, riverview green space. The principal changes include much taller and wider buildings at an overwhelming scale, less accessible green space, more office space in a city that has a glut, and less housing in a city that has a desperate shortage." said David and Hammond.

"While the High Line hand wrings over the impact on their 'city views' of a rail yard, this proposal will create a 5.6-acre new green public park, 5,000 permanent union jobs in the resort, more than 300 units of new affordable housing and much needed economic investment in NYC, all while enhancing access to the High Line." said a spokesperson for the real estate company.

Resource 8 for Question 3

Summer ice cover in the Northern Hemisphere



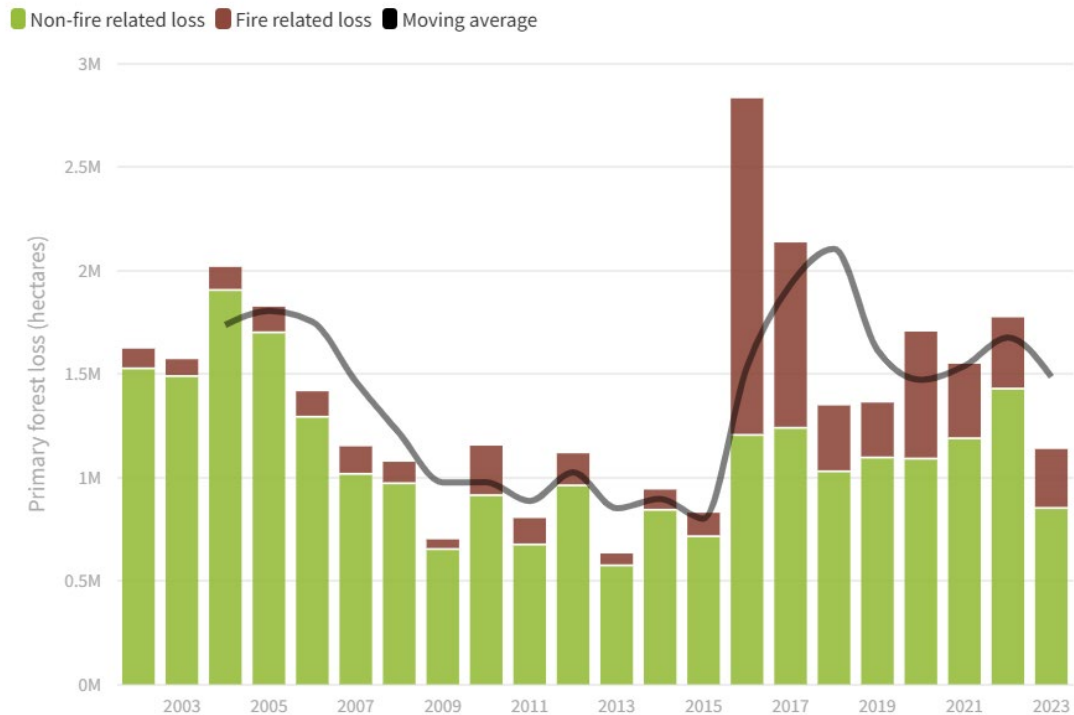
 Land above sea level

 Sea ice

 Continental ice

Resource 9 for Question 3

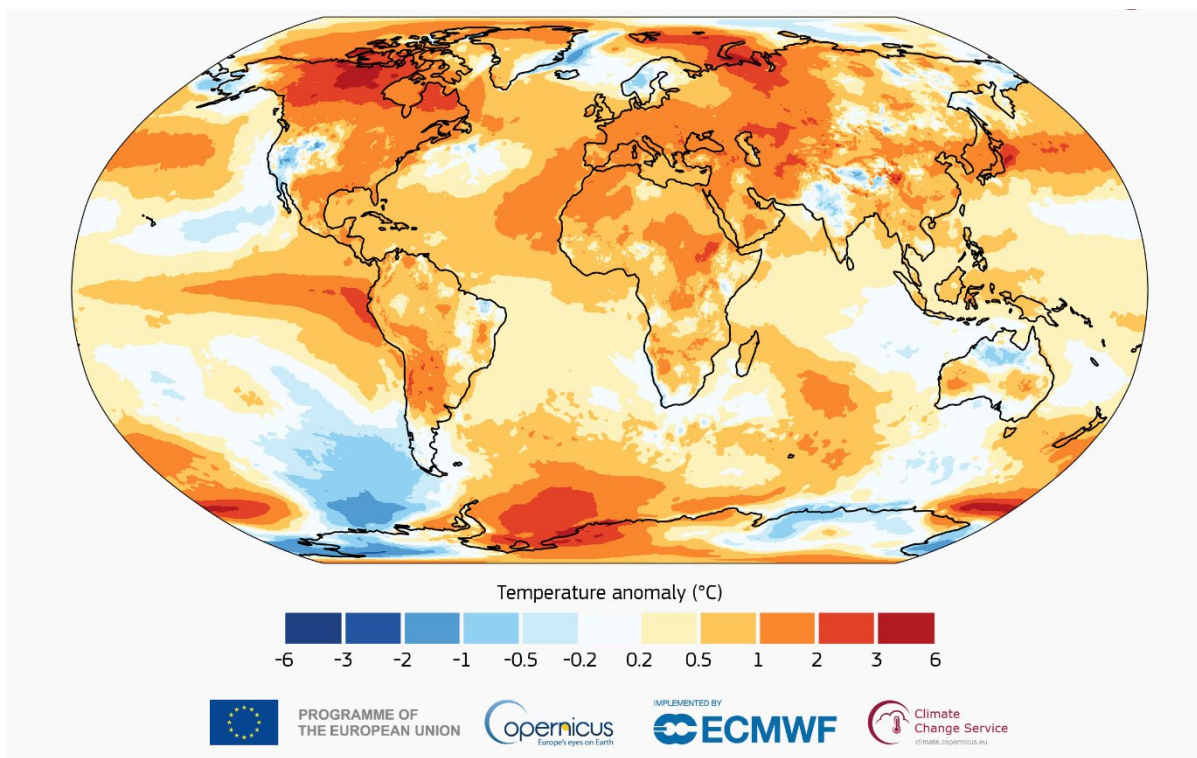
Annual primary forest loss in Brazil from 2002 to 2023



Non-fire related loss can occur from mechanical clearing for agriculture or natural causes such as wind damage.

Resource 10 for Question 3

Surface air temperature anomalies in 2023 as compared with the 30-year average (1991-2020)



Sources

Resource 1 and 2	Google Maps
Resource 3	https://www.straitstimes.com/singapore/transport/seniors-to-get-longer-green-man-time-at-half-the-crossings-in-all-housing-estates-by-2027 , https://marsiling.pa.gov.sg/silver-zone-enhancement-a-safer-more-inclusive-space-for-seniors/ , and https://onemotoring.lta.gov.sg/content/onemotoring/home/driving/road_safety_and_vehicle_rules/road-safety.html#_At_Silver_Zones
Resource 5	Adapted from https://luminocity3d.org/WorldCity/#4.29/23.77/82.64
Resource 6A	https://www.leekuananyeworldcityprize.gov.sg/case-studies/west-chelsea-high-line-plan/
Resource 6B	https://www.architectural-review.com/essays/revisit/revisit-high-line and https://www.cntraveler.com/activities/new-york/the-high-line-nyc and https://files.thehighline.org/pdf/high-line-map.pdf and https://www.nytimes.com/2024/06/26/realestate/high-line-nyc.html
Resource 7	Adapted from https://www.dezeen.com/2024/09/04/new-yorks-high-line-under-threat/
Resource 8	MOE SLS package
Resource 9	https://gfr.wri.org/global-tree-cover-loss-data-2023
Resource 10	https://climate.copernicus.eu/global-climate-highlights-2023