

CANDIDATE NAME		CT GROUP		
CENTRE NUMBER		INDEX NUMBER		
GEOGRAPHY			8813/01	
Paper 1		10 September 2018		
INSERT		3 hours		

#### **READ THESE INSTRUCTIONS FIRST**

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

## Resource 1 for Question 1 Relief map of Thomson Road and its surrounding area



# Resource 2 for Question 1 Recording sheet for slope sections along Thomson road area B

Slope section	Land use	Vegetation cover	Average Slope angle	Infiltration rate	
B1	No built up area	Grassy with trees	2.5°	Time from start (min) 0 40 60	Infiltration rate* mm/hr 25.5 22.3 18.0
B2	Walking path on one part of the slope	Grassy with trees	6.4°	Time from start (min) 0 40 60	Infiltration rate* mm/hr 17.8 15.2 12.0

<sup>\*</sup> Infiltration rate is measured by the depth (in mm) of the water layer that can enter the soil in one hour

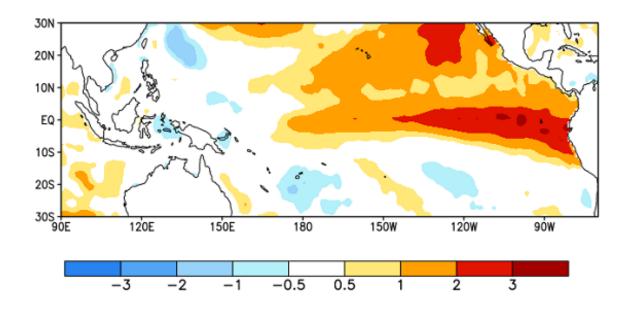
Resource 3 for Question 1
Image from Google Earth showing the elevation down a section of Upper Thomson Road



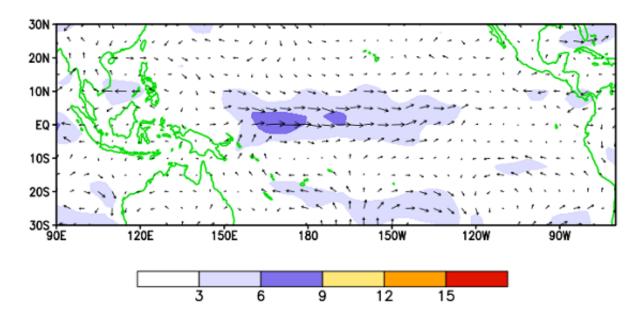
Resource 4 for Question 1
Image of land use along Lorong 3 Toa Payoh



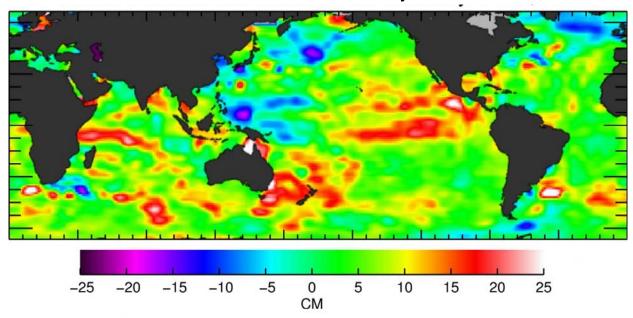
Resource 5 for Question 2
Average sea surface temperature anomalies (°C) between July-August 2015



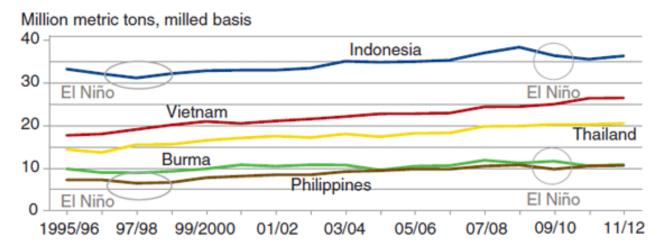
Resource 6 for Question 2
Wind speed anomalies (m/s) July to August 2015



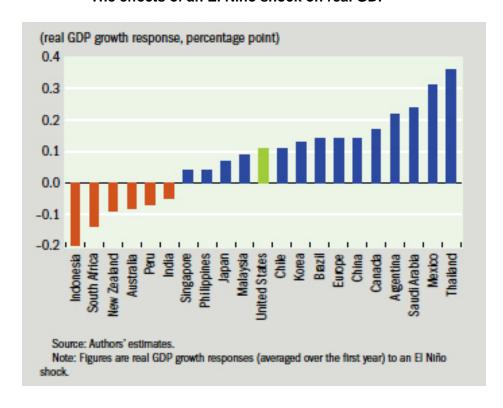
Resource 7 for Question 2 Sea level anomalies in February 2016



# Resource 8 for Question 2 Rice production in Southeast Asia



#### Resource 9 for Question 2 The effects of an El Nino shock on real GDP



#### Acknowledgements:

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Question 1 Resource 1 @ http://en-sg.topographic-map.com/places/Singapore-6698414/
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Question 1 Resource 2 @ own data

Question 1 Resource 3 @ https://thetwophilo.files.wordpress.com/2010/07/5upp-thomson-profile.jpg

Question 1 Resource 4 @ https://www.google.com.sg/

Question 2 Resource 5 @ https://www.climate.gov/

Question 2 Resource 6 @ https://www.climate.gov/

Question 2 Resource 7 @ https://phys.org/news/2016-03-jason-oceans-ongoing-el-nino.html

Question 2 Resource 8 @ http://www.thecropsite.com/articles/1458/el-nio-weather-events-affect-southeast-asias-rice-surplus/

Question 2 Resource 9 @ http://www.imf.org/