

MODULE 7: HOW IS INDONESIA'S CLIMATE CHANGING? PAST, PRESENT AND PREDICTIONS FOR THE FUTURE.

ANSWER SHEET; INDONESIA

ACTIVITY ONE

1. The general trend of the brown line is an increase in temperature.
2. Since 1960 mean annual temperature has increased by 0.64°C – around 0.14° C per decade.
3. Observed temperature increases have been more rapid over the larger western islands in the west of Indonesia because the moderating influence of the sea will be less in the centre of the land area.

ACTIVITY TWO

1. A1B the temperature rise decreases more than in A2
2. This is probably because the population is decreasing and they need less food and are using less energy.
3. The mean annual temperature is projected to increase by 0.9°C to 2.2°C by the 2060s, and 1.2°C to 3.7°C by the 2090s.
4. The moderating influence of the sea may be affecting the smaller islands to the east of Indonesia.

ACTIVITY THREE

1. Mean annual temperature is projected to increase by 1.3°C to 3.5°C by the 2060s and 1.7°C to 5.5°C by the 2090s. The range of projections by the 2090s under any one emissions scenario is around 2°C.
2. Projected rate of warming is greatest in winter (DJF) with increases of 2.0°C to 6.4°C projected by the 2090s.
3. Projected increases are most rapid in northern and western regions of China, with projected increases in annual mean temperature of around 2°-6°C in the northern regions (regions A, B, C and F), but more moderate increases of around 1.5° - 5°C in regions D and E.