



**ADVANCED GCE**  
**GEOGRAPHY**  
Global Issues

**F763/I/2**

**INSERT 2 – RESOURCE BOOKLET**

**Monday 21 June 2010**  
**Afternoon**

**Duration: 2 hours 30 minutes**



**INFORMATION FOR CANDIDATES**

- This document consists of **8** pages. Any blank pages are indicated.

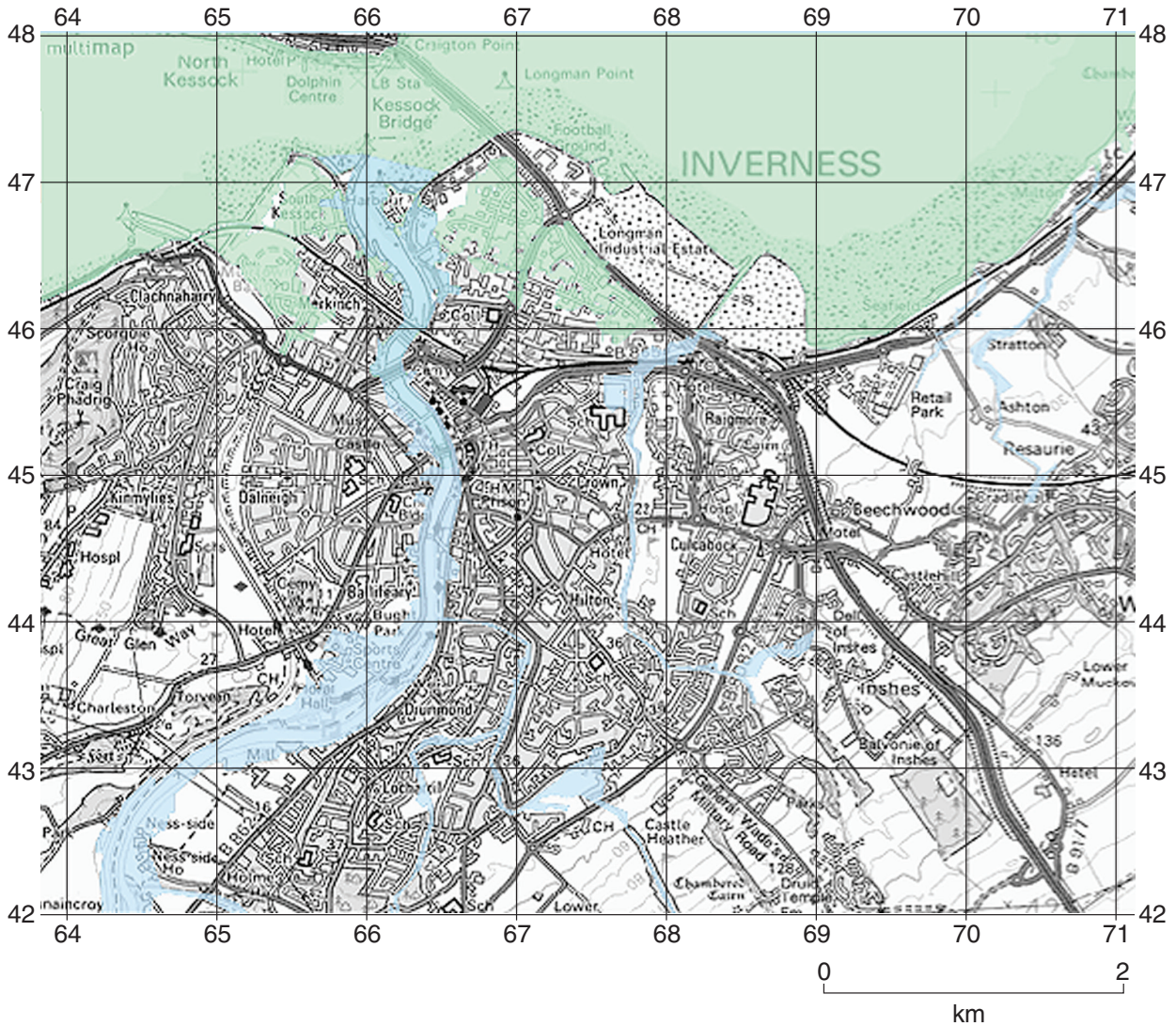
**INSTRUCTION TO EXAMS OFFICER/INVIGILATOR**

- Do not send this Insert for marking; it should be retained in the centre or destroyed.

Earth hazards

Fig. 1

Areas at risk from river and coastal flooding, Inverness, northern Scotland



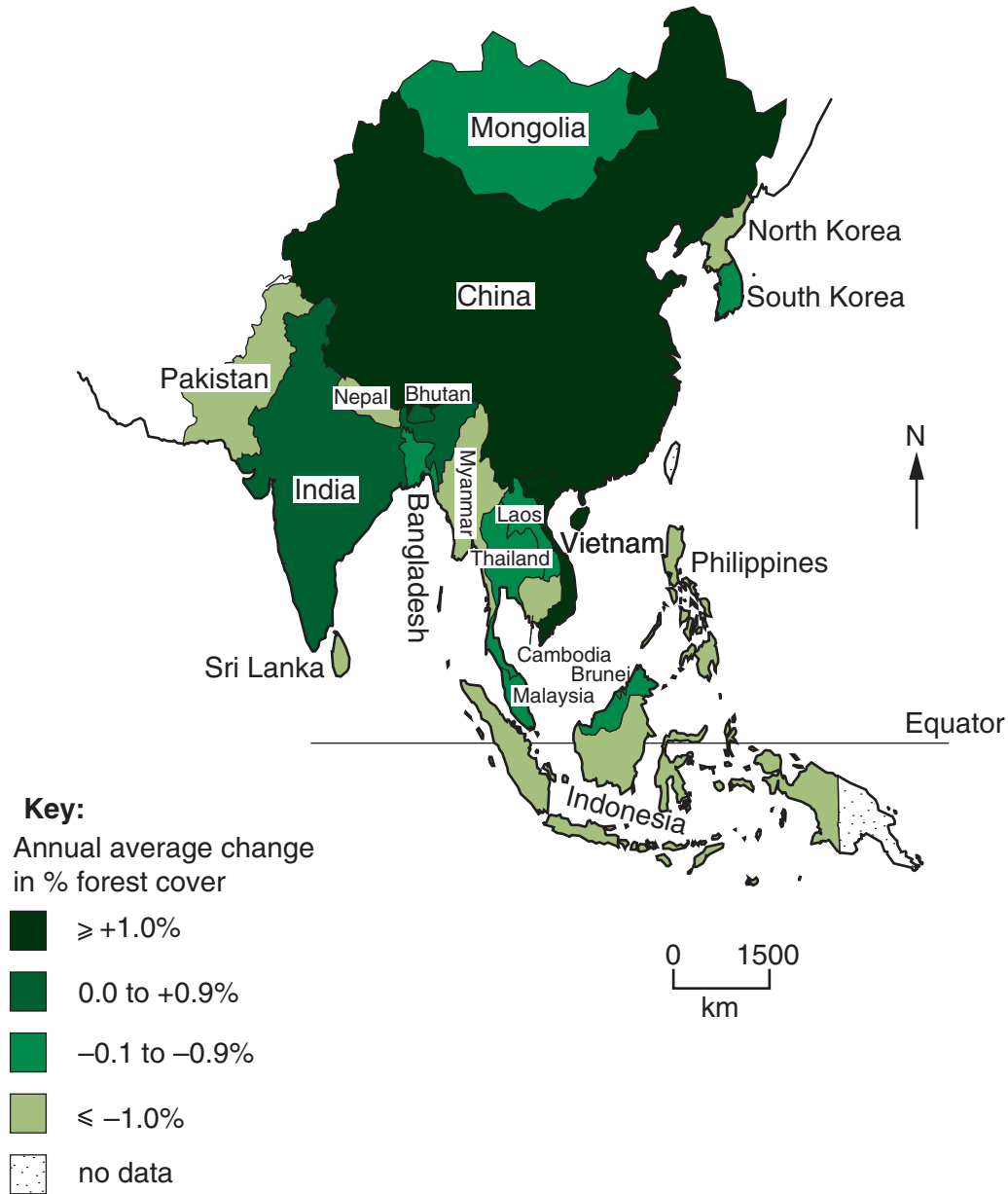
Key:

- Areas likely to be covered during river flooding
- Areas likely to be covered during coastal flooding

## Ecosystems and environments under threat

Fig. 2

Annual average change in % forest cover, by country, in part of Asia, 1998–2008

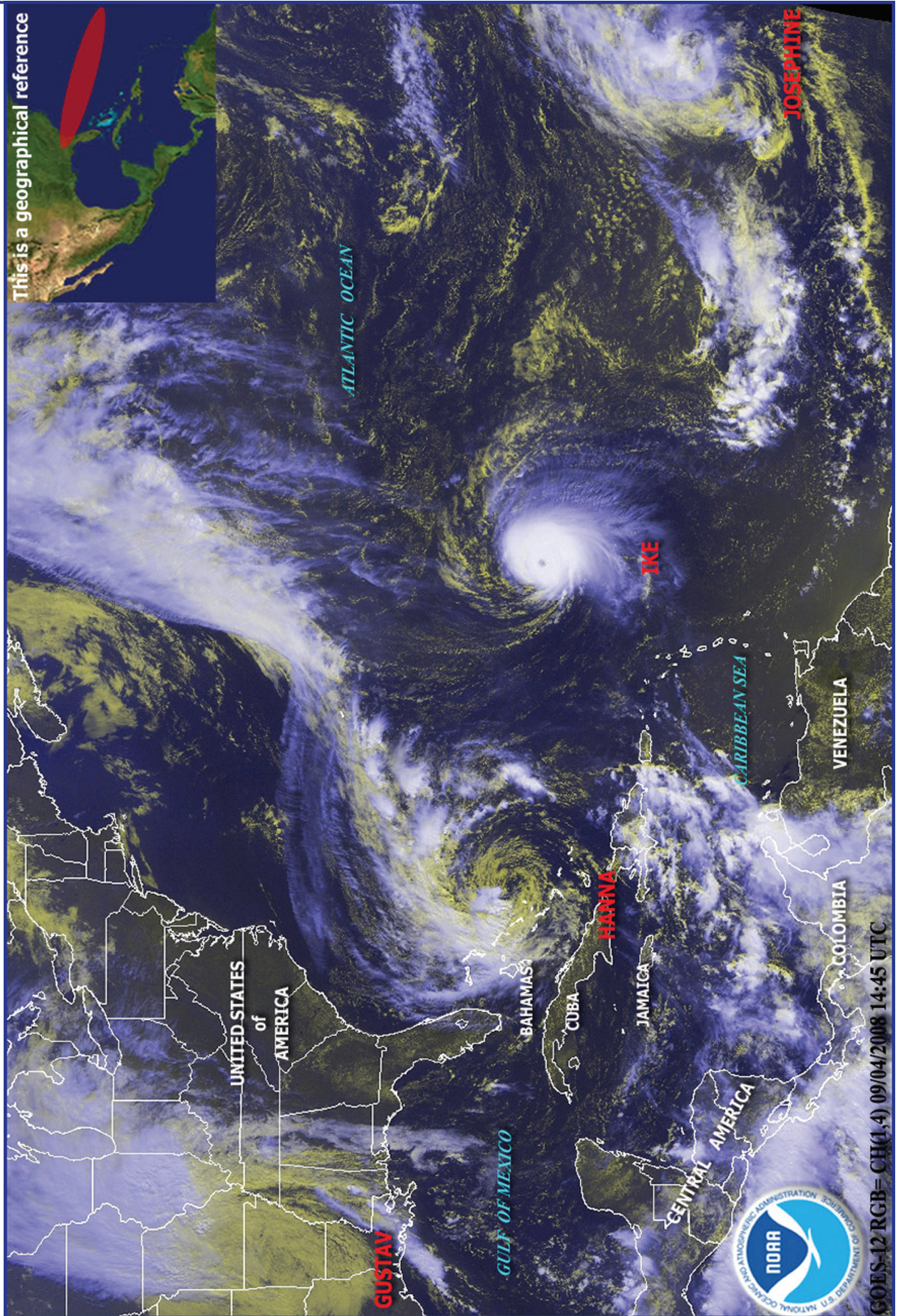


## Climatic hazards

Fig. 3

### Satellite image of Caribbean, September 2008

In the Atlantic Ocean, a series of three tropical storms are lined up and moving towards the USA. At 1500 UTC (previously known as Greenwich Mean Time) on Sep. 04, Tropical Depression Gustav is located near Missouri. Tropical Storm Hanna has weakened slightly and is located at 24.5N 73.5W moving northwest at 12 mph with maximum sustained winds of 65 mph. Category 4 Hurricane Ike is located at 23.2N 57W moving West-northwest at 16 mph with maximum sustained winds of 140 mph. Tropical Storm Josephine is about 520 miles west of the Cape Verde Island with maximum sustained winds of 50 mph.



**Population and resources**

**Fig. 4**

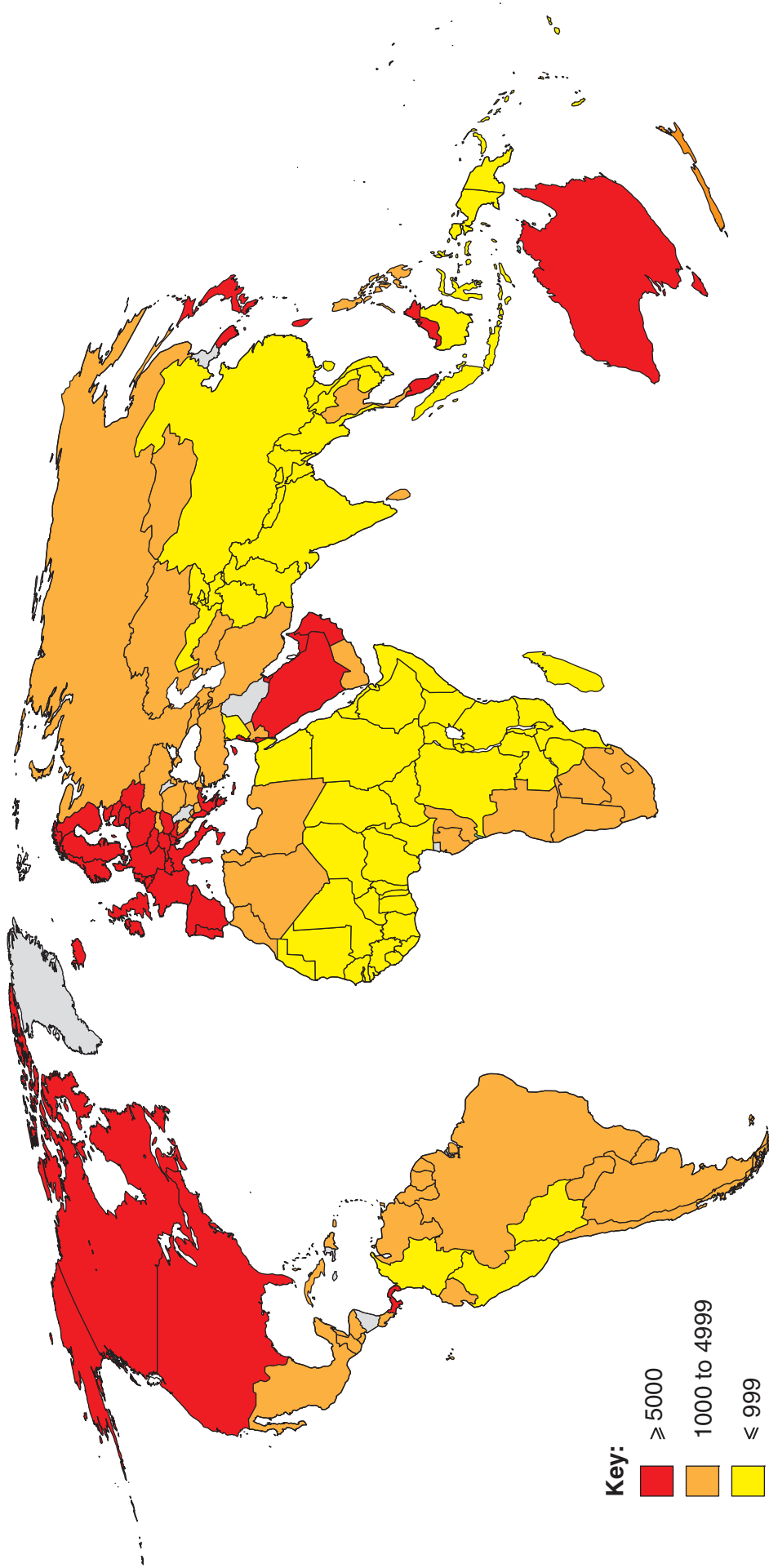
**Population and resources for various world regions, 2007**

	Sub-Saharan Africa	South Asia	Latin America and Caribbean	MEDCs
Population growth rate (% per year)	2.42	1.09	1.25	0.32
Proportion of arable land irrigated (%)	3.8	39.3	11.6	11.9
Fertiliser use (kg/ha)	9	109	85	125
Cereal production per person (kg/ha)	128	224	259	746
Livestock production (kg/ha)	128	121	198	248

Globalisation

Fig. 5

Value of exports of manufactured goods and services per capita, 2007

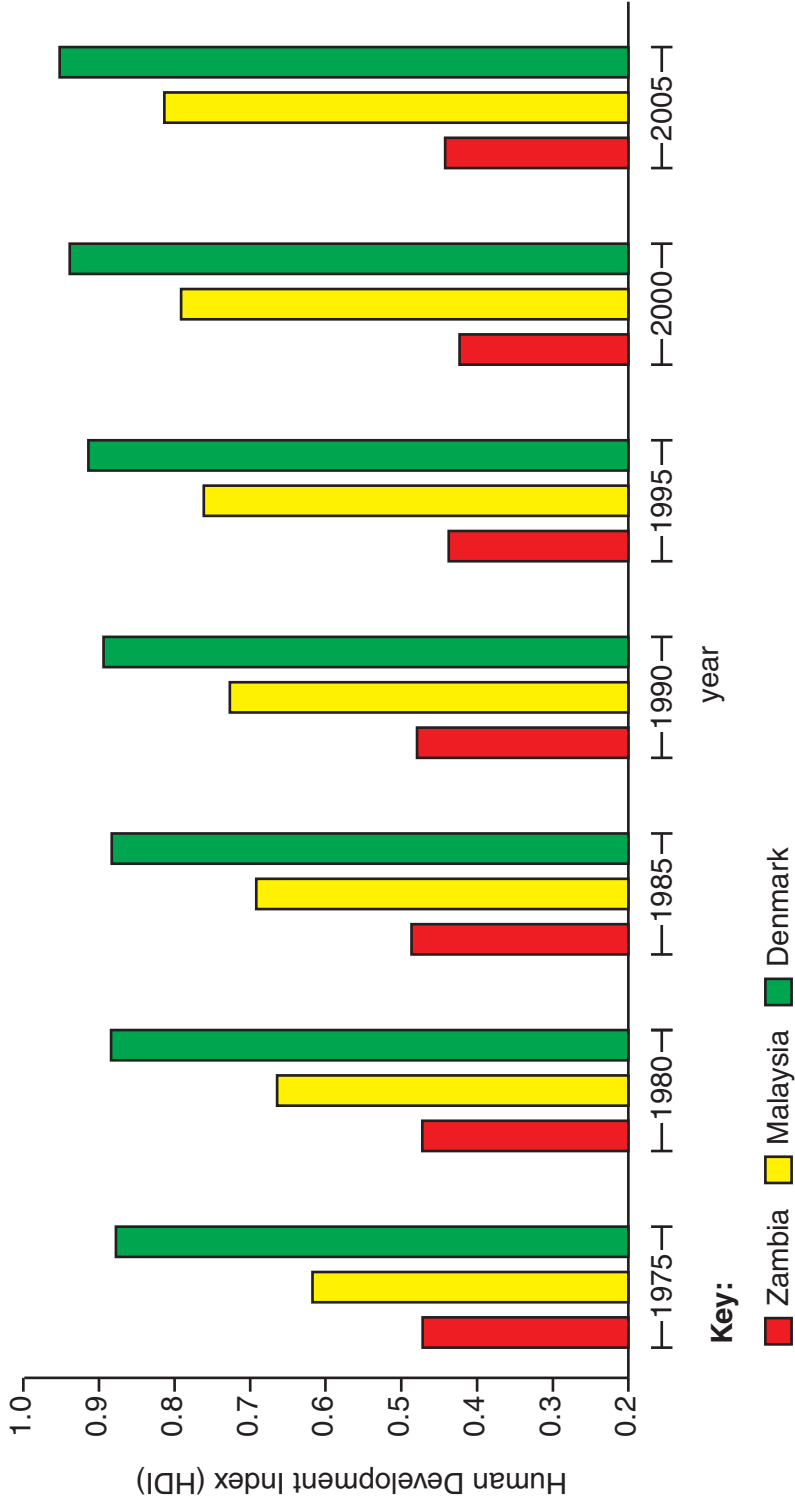


**Key:**  
≥ 5000  
1000 to 4999  
≤ 999  
no data

Figures in US\$, average annual value

Development and inequalities

Fig. 6  
Changes in the Human Development Index (HDI) for three countries



HDI is a composite index made up of the following factors: life expectancy at birth; adult literacy; enrolment in schools; GDP per capita related to local purchasing power.

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