**IB Geography HL Case Studies**

**Options**

**Option A Freshwater:**

1. Drainage basin hydrology and geomorphology
2. Flooding and flood mitigation

Three Gorge Dam

* 1. Two contrasting detailed examples of flood mitigation of drainage basins

Three Gorges Dam and Pakistan Floods 2010

1. Water scarcity and water quality
   1. Detailed examples to illustrate the role of different stakeholders

California – public, government and farmers,

Drought in Somalia and the role of humanitarian organizations? or the Nile River Basin?

* 1. Case study of one internationally shared water resource and the role of different stakeholders in attempting to find a resolution

Nile: Egypt, Sudan + Ethiopia +The Colorado River

1. Water management futures
   1. Case study of contemporary dam building expansion in one major drainage basin

Three Gorges Dam+The Colorado River

* 1. Case study of one recent IDBM plan

Three Gorges Dam

* 1. Case study of the future possibilities for one wetland area

Kissimmee River Restoration Project

**Option D Geographical Hazards:**

Volcanoes Montserrat vs Eyjafjallajökull

Earthquakes: Japan vs New Zealand Christchurch Earthquakes

Mass Movement Events: Nepal Gorkha 2015/Leyte Island Philippines 2006

1. Geophysical systems
2. Geophysical hazard risks
3. Hazard risk and vulnerability
   1. Two contemporary contrasting case studies each for volcanic hazards, earthquake hazards and mass movement hazards (see guidance above)

For each geophysical hazard type, the case studies should develop knowledge and understanding of:

* + - * geophysical hazard event profiles, including any secondary hazards – varied impacts of these hazards on different aspects of human well-being
      * why levels of vulnerability varied both between and within communities, including spatial variations in hazard perception, personal knowledge and preparedness

1. Future resilience and adaptation

**Option G: Urban environments**

1. The variety of urban environments
2. Changing urban systems

Hoyt Model/Burgees Model/Bid rent Model

* 1. Case study of infrastructure growth over time in one city

Manchester and Liverpool

1. Urban environmental and social stresses
   1. Case study of air pollution in one city and its varying impact on people

Linfen, China

* 1. Case study of Traffic congestion patterns, trends and impacts in one city and the management response

London, UK

* 1. Contested land use changes, including slum clearances, urban redevelopment and the depletion of green space: Detailed contrasting examples of two affected neighborhoods and their populations

Detroit and Rio de Janeiro (slum clearance)

Lack of Greenspace (Paris)

1. Building sustainable urban systems for the future
   1. Resilient city design, including strategies to manage escalating climatic and geopolitical risks to urban areas: Two detailed examples to illustrate possible strategies

Detroit Afforestation and Hong Kong

* 1. Eco city design, including strategies to manage the urban ecological footprint: Two detailed examples to illustrate possible environmental strategies

Masdar, UAE and BEDZED, London

Further Examples:

* + - Borås, thermal energy-store
    - Paris heatwave 2003
    - London, Tokyo, Shanghai and Mexico City as megacities

**SL**

**Unit 1 Changing Population**

1. Population and economic development patterns
   1. Two detailed and contrasting examples of uneven population distribution

Brazil and (Australia and Bangladesh)

1. Changing populations and places
   1. Population change and demographic transition over time, including natural increase, fertility rate, life expectancy, population structure and dependency ratios: Detailed examples of two or more contrasting countries

UK: demographic transition

Russia: population decline

Kenya: high rate of population growth + large proportion of young dependents

Japan: ageing population

* 1. The consequences of megacity growth for individuals and societies: One case study of a contemporary megacity experiencing rapid growth

Dhaka, Bangladesh or

Mumbai, India

* 1. Detailed examples of two or more forced movements, to include environmental and political push factors, and consequences for people and places

Syria and Xingu people, Chinese displaced due to Three Gorges Dam/Afghanistan

1. Challenges and opportunities
   1. One case study of a country benefiting from a demographic dividend

South Korea

Further Examples:

* + - China One-child policy
    - Iran population policies
    - France Pro-natalist policy
    - Mexico-USA international (and circular) migration
    - Internal migration UK (from Cornwall to London/SE), Bangladesh (rural-urban to Dhaka) and Brazil (periphery to core (SE industrial triangle)

**Unit 2 Global Climate – vulnerability and resilience**

1. Causes of global climate change
2. Consequences of global climate change

Arctic trade routes + Desertification China+ Antarctica

1. Responding to global climate change

Al Gore/Paris Climate Conference/Kyoto/SDG’s

* 1. Disparities in exposure to climate change risk and vulnerability, including variations in people’s location, wealth, social differences (age, gender, education), risk perception: Detailed examples of two or more societies with contrasting vulnerability

UK, London

Somalia vs California drought

Xingu people of the Amazon Basin

* 1. Case study of the response to climate change in one country focusing on the actions of non-governmental stakeholders

UK: reduce, reuse and recycling initiatives

**Unit 3 Global Resource consumption and security**

1. Global Trends in consumption
2. Impacts of changing trends in resource consumption
   1. The implications of global climate change for the water–food–energy nexus: Detailed examples of two countries with contrasting levels of resource security.

Canada vs India

1. Resource stewardship

Further Examples:

* + - Racial inequality in the USA
    - Resource nationalization Bolivia
    - reduce, re-use and recycle initiatives in the UK
    - Agbogbloshie, Ghana: E-waste dump

**HL**

**Unit 4 Power, places and networks**

1. Global interactions and global power
   1. Detailed examples of at least two actual or potential global superpowers

USA and China

* 1. Powerful organizations and global groups:
     1. G7/8, G20 and Organization for Economic Cooperation and Development (OECD) groups
     2. Organization of the Petroleum Exporting Countries’ (OPEC) influence over energy policies
     3. global lending institutions, including the International Monetary Fund (IMF) and New Development Bank (NDB)

1. Global networks and flows
   1. Two contrasting detailed examples of TNCs and their global strategies and supply chains

Apple, Facebook and Mc Donalds

1. Human and physical influences on global interactions

Further Examples:

* + - Measuring globalization: Iceland vs Kenya (internet)
    - EU Trade bloc
    - NAFTA
    - Outsourcing Bangalore

**Unit 5 Human development and diversity**

1. Development opportunities
   1. Detailed illustrative examples of affirmative action to close the development gap

Sustainable development goals

1. Changing identities and cultures
   1. Case study of a global diaspora population and its cultures(s)

China/ Irish Diaspora/ German Diaspora in USA or South America

1. Local responses to global interactions
   1. The role of civil society in promoting international-mindedness and participating in global interactions, including social media use and campaigning for internet freedom: Two detailed examples of places where restricted freedoms have been challenged

China (internet + social monitoring system),

France (religion)

Saudi Arabia (women’s rights)

Further Examples:

* + - Female genital mutilation (FGM) in Sudan, Egypt and Somalia
    - Obstacles to migration: growth of the right wing, nationalist parties in Europe and Trump in the USA

**Unit 6 Global risks and resilience**

1. Geopolitical and economic risks
   1. The correlation between increased globalization and renewed nationalism/tribalization: Two detailed examples to illustrate geopolitical tension/conflict

USA China Trade War

Brexit

Global Financial Crisis 2009

1. Environmental risks
   1. One TBP case study including the consequences and possible responses

Fukushima 2011, Japan (supply chain disruptions)

Chernobyl

Plastic Pollution + ocean gyres

1. Local and global resilience
   1. Detailed examples of one environmental and one social civil society organization action attempting to raise awareness about, and find solutions for, environmental and social risks associated with global interactions

WWF and OXFAM

Further Examples:

* + - E-waste Agbogbloshie
    - Human trafficking Toronto, Canada (the role of Banks)

Apple re-shoring of iPhone production