**A2 OCR Geography – Earth Hazards**

Updated March 2014

<http://abbeyfieldhumanities.blogspot.com>

<http://twitter.com/AbbGeography>

Overview:

VIDEO – 2011: A year of natural disasters

<http://abbeyfieldhumanities.blogspot.co.uk/2011/12/2011-year-of-natural-disasters.html>

Hazard introduction:

<http://abbeyfieldhumanities.blogspot.co.uk/2009/07/hazards-introduction.html>

Animated guides to Natural disasters:

<http://news.bbc.co.uk/1/hi/sci/tech/4126809.stm>

Hazards overview:

<http://www.s-cool.co.uk/a-level/geography/natural-hazards/revise-it/natural-hazards>

**What are the hazards associated with mass movement and slope failure?**

Overview

<http://www.s-cool.co.uk/a-level/geography/natural-hazards/revise-it/mass-movements>

<http://www.azgs.az.gov/HomeOwners-OCR/HG5_massmovements.pdf>

Landslides

<http://pubs.usgs.gov/fs/old.2004/3072/FS2004-3072.pdf>

Impacts:

China Landslides 2010

<http://abbeyfieldhumanities.blogspot.co.uk/2010/08/china-landslides.html>

Aberfan disaster

<http://en.wikipedia.org/wiki/Aberfan_disaster>

**What are the hazards associated with flooding?**

Causes of flooding

<http://www.s-cool.co.uk/a-level/geography/river-processes-and-management/revise-it/river-flooding-and-management>

**Impacts of flooding**

Storm surge and flooding - East coast of England - December 2013

<http://abbeyfieldhumanities.blogspot.co.uk/2013/12/east-coast-flooding-in-uk-december-2013.html>

Flooding in England and Wales - November 2012

<http://www.metoffice.gov.uk/education/teens/case-studies/november-2012-flooding>

<http://abbeyfieldhumanities.blogspot.co.uk/2012/11/more-heavy-rain-and-strong-winds-hit.html>

SW England - Christmas floods 2012

<http://abbeyfieldhumanities.blogspot.co.uk/2012/12/flooding-causes-christmas-misery-in-sw.html>

<http://abbeyfieldhumanities.blogspot.co.uk/2012/12/flooding-continues-to-cause-disruption.html>

Christmas and New Year floods 2013 into 2014

<http://abbeyfieldhumanities.blogspot.co.uk/2013/12/uk-storms-cause-christmas-disruption.html>

Somerset Levels flooding 2014

<http://abbeyfieldhumanities.blogspot.co.uk/2014/01/flooding-on-somerset-levels-2014.html>

River Rhine floods 1995

<http://www.channel4.com/learning/main/netnotes/content/pdfs/guides/River_Floods.pdf>

<http://geographyfieldwork.com/RhineCauses.htm>

<http://geographyfieldwork.com/RhineEffects1.htm>

<http://geographyfieldwork.com/RhineSolutions.htm>

Boscastle floods 2004

<http://www.bbc.co.uk/learningzone/clips/why-did-boscastle-flood/14072.html>

<http://www.metoffice.gov.uk/education/teens/case-studies/boscastle>

<http://www.slideshare.net/juicygeography/boscastle-flood-prevention>

Phillippines 2011

<http://www.bloomberg.com/news/2011-12-17/philippine-storm-kills-177-250-missing-after-flash-floods.html>

<http://abbeyfieldhumanities.blogspot.co.uk/2011/12/bbc-news-tropical-storm-has-hit.html>

<http://www.bbc.co.uk/news/world-asia-16336706>

**Responses to flooding**

Flood management strategies

<http://www.bbc.co.uk/schools/gcsebitesize/geography/water_rivers/river_flooding_management_rev5.shtml>

How is flood risk managed in the UK?

<http://www.environment-agency.gov.uk/homeandleisure/floods/31666.aspx>

<http://www.bbc.co.uk/news/science-environment-25755579>

VIDEO - Flood management: Banbury Flood Alleviation Scheme -<http://www.youtube.com/watch?v=Q3XzOBMVpls>

VIDEO - What can the UK do to prevent flooding?

<http://www.bbc.co.uk/news/uk-25973892>

Planting trees 'could stop flooding' <http://www.bbc.co.uk/news/uk-25864631>

VIDEO - Back-to-nature flood schemes advised to prevent urban flooding

<http://www.bbc.co.uk/news/uk-politics-25752320>

Managing Flood Risk: Four case studies on why flooding occurs and how it can be managed in the future <http://www.geography.org.uk/resources/flooding/>

Floating buildings could help Thais tackle the #flooding crisis

<http://www.theguardian.com/world/2012/feb/14/bangkok-thailand-floods-floating-homes>

Beating flood damage in Bangladesh: <http://www.theguardian.com/global-development/video/2011/jun/01/bangladesh-beating-flood-damage-video>

Flooding and management in Bangladesh:

<http://geobytesgcse.blogspot.co.uk/2006/12/flooding-in-ledc-1998-floods-in.html>

<http://www.sln.org.uk/geography/schools/blythebridge/gcsebangladesh.htm>

<http://www.bbc.co.uk/schools/gcsebitesize/geography/water_rivers/river_flooding_management_rev6.shtml>

Plus: <http://www.oxfam.org/en/campaigns/climatechange/bangladesh-preparing-flood-disaster>

Mississippi flooding: Let the river run <http://bit.ly/lKLrpu>

Managed realignment - SE England

<https://docs.google.com/file/d/0ByyY9xA0IWCseWFnSVhLLXBNYW8/edit?usp=sharing>

VIDEO - Isaac to test New Orleans's $14-billion new levees - See how it all works:<http://www.youtube.com/watch?v=KRAazD51yz4>

China - Yangtze River

<https://docs.google.com/file/d/0ByyY9xA0IWCsdXJDWXhWTVJnanM/edit?usp=sharing>

<https://docs.google.com/file/d/0ByyY9xA0IWCsbXRfUUgwQ2hZV0E/edit?usp=sharing>

**What are the hazards associated with earthquakes and volcanic activity?**

Tectonic processes

<http://www.s-cool.co.uk/a-level/geography/natural-hazards/revise-it/tectonic-processes>

Tectonics explained:

<http://abbeyfieldhumanities.blogspot.co.uk/2009/07/tectonics-explained.html>

The early earth and plate tectonics:

<http://abbeyfieldhumanities.blogspot.co.uk/2008/09/early-earth-and-plate-tectonics.html>

Plate margins:

<http://abbeyfieldhumanities.blogspot.co.uk/2008/07/earthquakes-and-volcanoes.html>

Plates and plate movements:

<http://www.s-cool.co.uk/a-level/geography/natural-hazards/revise-it/plates-and-plate-movement>

Volcanoes – How and why:

<http://abbeyfieldhumanities.blogspot.co.uk/2010/04/volcanoes-how-and-why.html>

Volcanic hazards:

<http://www.s-cool.co.uk/a-level/geography/natural-hazards/revise-it/volcanic-hazards>

Earthquakes and tsunamis explained

<http://abbeyfieldhumanities.blogspot.co.uk/2011/03/earthquakes-and-tsunamis-explained.html>

How earthquakes trigger tsunamis

<http://abbeyfieldhumanities.blogspot.co.uk/2011/03/how-do-earthquakes-trigger-tsunamis.html>

Earthquakes – Primary and Secondary hazards:

<http://www.s-cool.co.uk/a-level/geography/natural-hazards/revise-it/earthquakes>

How do tsunamis occur?

<http://abbeyfieldhumanities.blogspot.co.uk/2009/07/how-does-tsunami-occur.html>

**Impacts of earthquakes**

Japan earthquake and tsunami 2011

<https://docs.google.com/file/d/0ByyY9xA0IWCsVzRBck11aFlKOE0/edit?usp=sharing>

<http://abbeyfieldhumanities.blogspot.co.uk/search/label/Japan%20earthquake%202011>

<http://www.bbc.co.uk/news/world-asia-pacific-12711226>

<http://www.guardian.co.uk/world/japan-earthquake-and-tsunami>

Haiti earthquake

<http://handygeography.wordpress.com/gcse/the-restless-earth-revision-materials/earthquake-case-study-haiti-poor/>

<http://abbeyfieldhumanities.blogspot.co.uk/search/label/Haiti%20earthquake>

<http://news.bbc.co.uk/1/hi/in_depth/americas/2010/haiti_earthquake/default.stm>

Christchurch earthquake 2011:

<http://abbeyfieldhumanities.blogspot.co.uk/2011/02/earthquake-hits-christchurch-in-new.html>

<http://abbeyfieldhumanities.blogspot.co.uk/2011/02/amazing-before-and-after-shots-of.html>

Italy earthquake 2012

<http://abbeyfieldhumanities.blogspot.co.uk/2012/05/second-fatal-earthquake-hits-italy.html>

Asian Tsunami 2004

<http://www.school-portal.co.uk/GroupDownloadFile.asp?GroupId=1067950&ResourceId=4277374>

<http://www.slideshare.net/PLANETGE0GRAPHY/indian-ocean-tsunami-case-study>

<http://www.guardian.co.uk/world/2009/dec/23/2004-tsunami-five-years-on>

<http://www.bbc.co.uk/news/world-asia-pacific-12056882>

**Impacts of volcanoes**

Iceland eruption 2010

<http://www.brambletye.co.uk/Websites/brambletye/Images/NLM%20system/Case%20Study-Eyjafjallajokull.pdf>

<http://www.school-portal.co.uk/GroupDownloadFile.asp?GroupId=39975&ResourceId=3899610>

<http://www.slideshare.net/geodebs/medc-case-study-iceland>

<http://www.slideshare.net/geography101/eyjafjallajkull-icelandic-eruption-2010>

<http://abbeyfieldhumanities.blogspot.co.uk/2010/04/volcanic-eruption-in-iceland-halts-uk.html>

<http://abbeyfieldhumanities.blogspot.co.uk/2010/04/iceland-volcano-eruption-continues-to.html>

<http://news.bbc.co.uk/1/hi/in_depth/europe/2010/iceland_volcano/default.stm>

Iceland: Life under the volcanic ash cloud - <http://bbc.in/mhqLSJ>

Montserrat, 1995-97 - an LEDC

<http://www.bbc.co.uk/schools/gcsebitesize/geography/natural_hazards/volcanoes_rev6.shtml>

Mount Etna, Italy. 1991-93

<http://www.slideshare.net/PLANETGE0GRAPHY/mt-etna-case-study-1991-1993#btnNext>

Volcano Case study overview

<http://www.acegeography.com/volcano-case-studies.html>

**How can hazards be managed to reduce impacts?**

<http://www.s-cool.co.uk/a-level/geography/natural-hazards/revise-it/managing-hazards>

Mass movement mitigation strategies

<http://www.slideshare.net/valentic/natural-disasters-mass-wasting-presentation>

FEMA guidance:

<http://www.fema.gov/plan-prepare-mitigate>

Managing earthquake hazards

<http://www.slideshare.net/patdesy/managing-earthquakes>

How do you build for an earthquake?

<http://www.bbc.co.uk/news/world-asia-pacific-12726775>

How to build #earthquake resistant houses

<http://ngm.nationalgeographic.com/big-idea/10/earthquakes>

VIDEO - Chilean children are taught to stay safe in #earthquakes <http://www.bbc.co.uk/news/world-latin-america-19766647>

VIDEO: Millions prepare for the next #earthquake in California <http://www.bbc.co.uk/news/world-us-canada-20000050>

Building for earthquake resilience <http://thoughts.arup.com/post/details/281/building-for-earthquake-resilience>

Drill, Drop and Cover – earthquake drill

<http://abbeyfieldhumanities.blogspot.co.uk/2012/04/earthquake-drill-drop-cover-and-hold-on.html>

Additional resources:

Earth Hazards:

<http://abbeyfieldhumanities.blogspot.co.uk/search/label/A%20Level%20Gg%20Earth%20hazards>

Natural Hazards:

<http://abbeyfieldhumanities.blogspot.co.uk/search/label/Natural%20Hazards>

Additional links and resources:

<http://humanitiesastwiltshire.blogspot.co.uk/p/all-my-tweets.html>

Created by D Drake 2014

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