



LESSON NOTES

WORKSHEET 17

YEAR 12: GEOGRAPHY

NAME: _____

Strand	2.1 Natural Hazards
Sub Strand	12.1.1.2
Content Learning Outcome	The types of Hazards

What flooding means?

Flood, flash flood, deluge, freshet, inundation refer to **the overflowing of normally dry areas**, often after heavy rains. Flood is usually applied to the overflow of a great body of water, as, for example, a river, although it may refer to any water that overflows an area: a flood along the river; a flood in a basement.

Causes of Floods

- Massive Rainfall. Drainage systems and the effective infrastructure design aid during heavy rains. ...
- Overflowing of the Rivers. ...
- Collapsed Dams. ...
- Snowmelt. ...
- Deforestation. ...
- Climate change. ...
- Emission of Greenhouse Gases. ...
- Other Factors.

The 3 Most Common Flood Types

- River floods occur when water levels run over river banks, as a result of heavy rain. ...
- Coastal floods occur around much larger bodies of water, usually when the tide gets very high. ...
- A flash flood is an excessive amount of rain in a short period of time (usually within 6 hours).
- What is effect of flooding?
- Floods have large social consequences for communities and individuals. As most people are well aware, the immediate impacts of flooding include **loss of human life, damage to property, destruction of crops, loss of livestock, and deterioration of health conditions owing to waterborne diseases.**
- Hydrological Sciences–Journal–des Sciences Hydrologiques, 52(5) October 2007
- Flooding in Fiji: findings from a 100-year historical series
- Abstract Correspondence from a long-established sugar mill provided the opportunity to construct the longest flood series for a river in Fiji—the Ba River in northwest Viti Levu—from 1892 to 2002. Flood waters reached the mill floor every four years on average. Contrary to common lore, this study could detect no increase in the frequency of major floods over the course of the 20th century, despite intensification of land use and siltation of the river channel over that time. Large, slow-moving tropical

