

PAPER 1 – NATURAL HAZARDS 1

<u>DEFINITION OF NATURAL HAZARD</u>	<u>EXAMPLES OF NATURAL HAZARDS</u>
	<p><u>GEOLOGICAL</u> –</p> <p><u>METEOROLOGICAL/ATMOSPHERIC HAZARD</u> –</p>
<p align="center"><u>DEFINITION OF HAZARD RISK</u></p> <ul style="list-style-type: none"> • The PROBABILITY/CHANCE of a natural hazard occurring • Factors affecting HAZARD RISK: 	<p align="center">1. <u>VULNERABILITY</u></p> <ul style="list-style-type: none"> • <u>NUMBER OF PEOPLE</u> – if there’s more people in an area e.g. city then the hazard risk is higher as more people could be affected <i>e.g. city at the base of a volcano – Naples, Italy + Mt Vesuvius</i>
<p align="center">2. <u>CAPACITY TO COPE</u></p> <ul style="list-style-type: none"> • A NATURAL HAZARD is only a NATURAL HAZARD when the event AFFECTS people. • The better people can cope with a natural hazard, the lower the threat <i>e.g. prediction, preparation + prevention</i> • <i>E.g. HICs (e.g. USA) are better able to cope with coastal flooding from tropical storm than LICs (Bangladesh) because they can afford to build flood defences, evacuate people + repair damage afterwards.</i> 	<p align="center">3. <u>NATURE OF NATURAL HAZARDS</u></p> <ul style="list-style-type: none"> • <u>TYPE</u> – hazard risk from some natural hazards is greater than others <i>e.g. TROPICAL STORMS can be predicted, giving people time to evacuate whereas EARTHQUAKES can happen suddenly without warning</i> • <u>FREQUENCY</u> – how often a natural hazard occurs; some occur more often than others <i>E.g. hurricane season in the Atlantic</i> • <u>MAGNITUDE</u> – the STRENGTH of the natural hazard; usually the STRONGER the natural hazard, the MORE deaths. <i>E.g. 9.0 earthquake hit Japan killing over 15 000 people whereas 6.3 earthquake hit L’Aquila, Italy + 300 people died</i>

