|  |
| --- |
| **IB DP Geography – Soil Erosion / Climate Change** |



|  |
| --- |
| Watch the video embedded on ibgeographypods and take notes on the following questions. a. Outline then main importance of soil. |
|  |
| b. How is soil formed? |
|  |
| c. How long does it take to form 10cm of soil? |
|  |
| d. How does human activity affect soil erosion? |
|  |
| e. How many tonnes were lost in 2011 & what does that equate to in cost per person and annually to the global economy? |
|  |
| f. How is fertile land being 'grabbed' from potentially vulnerable populations? |
|  |
| g. Why is the issue of soil degradation not "current news"? |
|  |



|  |
| --- |
| Study the Soil Degradation map above carefully. Answer this IB 5 mark (target 10 minutes) question:Describe the distribution of global supplies of stable soil and comment on its suitability for future population growth and use. |
|  |

|  |
| --- |
| Watch the first video in the section on Soil & Climate change on ibgeographypods and take notes on how soil erosion is linked to population growth, intensive agricultural activity and carbon storage. |
| Population GrowthIntensive AgricultureCarbon Storage |

|  |
| --- |
| Now watch the second video and make notes on how atmospheric carbon can be transferred back into the soil (flux). |
|  |

|  |
| --- |
| Now study the website for the '4 pour 1000' French government initiative. Watch the YouTube video embedded on the front page of the site and create a 4 section revision grid and research and extract the four elements of place, possibility, power and process as contained on the site front page. |
| **Place** | **Power** |
|  |  |
| **Process** | **Possibility** |
|  |  |