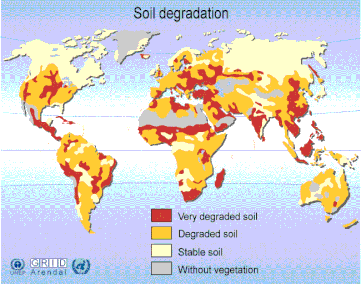
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| **IB DP Geography – Soil Erosion / Climate Change** |



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

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