



The Open University of Sri Lanka  
Faculty of Engineering Technology  
Bachelor of Industrial Studies (Agriculture)

Final Examination- 2008/2009

**AEI6137 Impact of Climate change on Water Resources**

Date : 21-03-2009  
Time : 1400-1700 hours

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**SECTION II**

1. Briefly explain climate change and global warming and how are they related?
2. Describe the causes and consequences of climate change in general?
- 3.(a) What role does the human activity play in the current global warming trend?  
  
(b) What role do Agricultural activities play in the climate change?
4. Briefly explain the impacts of climate change on water resources in Sri Lanka with special reference agricultural and domestic activities?
- 5.(a) Write a short note on the mitigation measures for climate change and the possible measures Sri Lanka has taken into consideration  
  
(b)What is the Kyoto Protocol and what can it do to control climate change?
6. Write short notes on any three (03) of the following.
  - (a) Intergovernmental Panel on Climate Change
  - (b) Green house effect
  - (c) Contribution of methane to the enhanced greenhouse effect
  - (d) Global warming projections
  - (e) Reliability of climate models