

*Ollscoil na hÉireann, Gaillimh*  
*National University of Ireland, Galway*

**Semester II Summer Examinations, 2004/2005**

Exam Code(s)	3BA, 4BA
Exam(s)	3 <sup>rd</sup> Arts, 4 <sup>th</sup> Arts International
Module Code	TI309
Module Paper No.	Natural Hazards: Incidence and Management
External Examiner(s)	Professor Michael Dunford
Internal Examiner(s)	Professor Ulf Strohmayer Dr. Kieran Hickey
<b><u>Instructions:</u></b>	Answer <b>Three</b> questions, <b>one</b> from each section. Use a separate answer book for each section.
Duration	3hrs
No. of Answer books	3
No. of Pages	2
Department(s)	Geography

**Section A**

1. Outline and critically analyse the Wallace (1956) model of natural hazards.
2. Discuss how humans prepare mentally for an imminent natural disaster and how they behave during the actual event.
3. The psychological impact of natural disasters is far worse than the physical damage caused. Critically assess this statement.

**Section B**

4. Compare and contrast two major earthquakes with reference to the impacts generated and the emergency response.
5. Outline the main physical characteristics of lava and the factors that control lava movements.
6. Outline the main methods of predicting volcanic eruptions and critically assess these methods.

### **Section C**

7. Flooding in Cork city is a product of a many contributing factors. Critically analyse this statement.
8. Analyse the impact of the 1839 storm on Ireland with reference to its meteorology.
9. Outline the key features of Irish tornadoes.