

**Program Level Learning Outcome Assessment
MA Geography**

PLO3: Students will learn to connect phenomena spatially, systematically, or otherwise and explain human and environmental causes of current and emerging societal stresses and crises including climate change, biodiversity loss, desertification and deforestation, sea level rise, poverty and inequality, urbanization, geopolitical crises, and migration. This learning outcome necessitates a broad and integrative knowledge of human and environmental global phenomena.

Learning Outcome	Does Not Meet Expectations	Approaches	Reinforces	Masters
Identify global phenomena/stresses/crisis	Unable to identify global phenomena	Recognize one or more global phenomena.	Describe multiple global phenomena.	Develop and communicate a nuanced understanding of multiple phenomena.
Describe relationship between humans and global phenomena/stresses/crisis.	Unable to describe relationship between humans and global phenomena.	Recognize at least one relationship between humans and a global phenomenon.	Explain relationship between humans and multiple global phenomena.	Design projects that analyze and interpret data that demonstrates new insights into the relationship between humans and at least one global phenomenon.
Describe natural causes of global phenomena/stresses/crisis.	Unable to describe natural causes of global phenomena.	Recognize natural causes of global phenomena.	Explain natural causes of multiple global phenomena.	Design projects that use quantitative and qualitative analysis to understand the natural causes of emerging societal stresses and crises.
Describe the interaction between humans, and the environment w.r.t. global phenomena/stresses/crisis.	Unable to describe the interaction between humans, and the environment w.r.t. global phenomena.	Recognizes interaction between humans and the environment w.r.t. global phenomena.	Explain multiple interactions and feedbacks between humans, the environment and multiple global phenomena.	Use qualitative and quantitative analysis and tools to demonstrate deep understanding of complex relationship between human and environmental aspects of global phenomena.
Connect different phenomena to one another/stresses/crisis.	Unable to connect different phenomena to one another.	Recognize that phenomena are connected to one another.	Investigate the relationship among different global phenomena.	Integrate qualitative and quantitative understanding of how multiple global phenomena are interrelated, correlated and mechanistically related.