

Program Level Learning Outcome Assessment

Geography

PLO 1: Our students will apply a geographic approach (e.g., use concepts of space, place, location, scale, borders and regions) to examine natural and human systems and explain causation in human environment interactions.

Learning Outcome	Does Not Meet Expectations	Approaches	Demonstrates competence	Masters
Identify a natural system.	Unable to identify a natural system.	Recognize and describe a natural system.	Describe multiple natural systems and identify connections between multiple systems.	Analyze and describe complex natural systems. Demonstrate primary, secondary and tertiary properties of system with respect to sustainability.
Identify a human system.	Unable to identify a human system.	Recognize and describe a human system.	Describe multiple human systems and identify connections between multiple systems.	Analyze and describe complex human systems. Demonstrate primary, secondary and tertiary properties of system with respect to sustainability.
Analyze interactions between natural and human systems.	Unable to describe interactions between natural and human systems.	Recognize and describe interactions between natural and human systems.	Describe connections between multiple human and natural systems. Identify positive and negative impacts of multiple interactions.	Analyze and connections between multiple human and natural systems. Demonstrate understanding of primary, secondary and tertiary impacts of interactions on human and natural systems.
Identify causation in human environment interactions.	Unable to determine causation in human environment interactions.	Recognize causation in human environment interactions.	Describe causation in human in human environmental interactions. Suggest interventions that might decrease negative impacts of human causation.	Analyze causation in human environmental interactions. Suggest interventions to minimize negative impacts and analyze primary, secondary and tertiary impacts of suggested interventions.
Identify feedbacks in human environment interaction.	Unable to identify describe feedbacks in human environment interaction.	Recognize feedbacks in human environment interaction.	Describe feedbacks in human environment interactions. Identify key feedbacks that amplify negative and positive impacts of	Demonstrate qualitative and quantitative understanding of how multiple feedbacks amplify/diminish positive/negative consequences of human environmental interactions on human and natural systems.

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