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14.25 Viewshed

Project Name: PHUSICOS (Grant Agreement no. 776681)

Author/s and affiliations: Gerardo Caroppi^{1,2}, Carlo Gerundo², Francesco Pugliese², Maurizio Giugni², Marialuce Stanganelli², Farrokh Nadim³, Amy Oen³

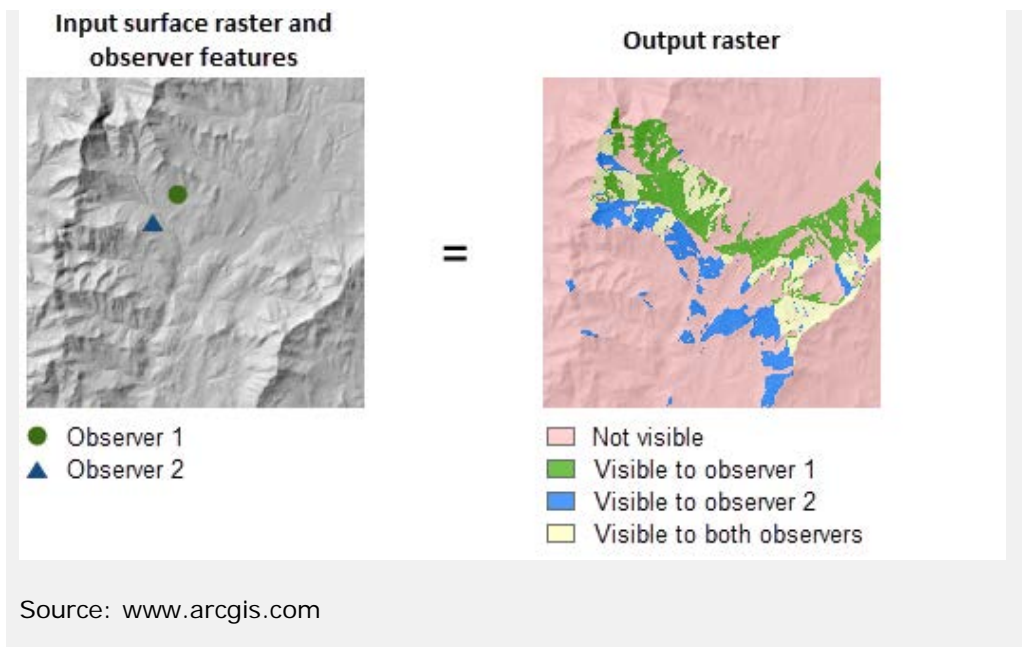
¹ Aalto University, Department of Built Environment, Espoo, Finland (gerardo.caroppi@aalto.fi)

² University of Naples Federico II (UNINA), Department of Civil, Architectural and Environmental Engineering, Naples, Italy

³ Norwegian Geotechnical Institute (NGI), Oslo, Norway

Viewshed	Green Space Management Place Regeneration
Description and justification	Some NBS could contribute to enhance landscape enjoyment increasing the amount of perceivable scenic sites. If the project foreseen the built of new natural trails, the scenic enjoyment of new viewsheds could be a co-benefit for population and tourists.
Definition	A viewshed is the geographical area that is visible from a location. It includes all surrounding points that are in line-of-sight with that location and excludes points that are beyond the horizon or obstructed by terrain and other features (e.g., buildings, trees). This Indicator could be calculated both in the Baseline Scenario taking into account the viewshed from all the scenic sites already existing, and in the Design Scenarios (e.g., NBS Scenario, Hybrid Scenario, Grey Scenario) considering, in addition, the new scenic sites created by the project.
Strengths and weaknesses	It is easy to be estimated and rapidly provides information concerning the benefits achievable in terms of landscape perception. It could be difficult to find accurate data concerning digital terrain models.
Measurement procedure and tool	Given the vector data of the scenic site locations (point features) and a digital terrain model of the study area, common GIS software tools allow to achieve.

	<p>The viewshed of a scenario is equal to the envelop of the viewshed obtained considering each scenic sites in the study area.</p> <p>In the Design Scenarios (e.g., NBS Scenario, Hybrid Scenario, Grey Scenario) the viewsheds from the new scenic sites created by the project have to be taken into account too.</p>
Scale of measurement	km ²
Data source	Project team; Regional or Municipal Geographic Information System
Required data	Project layout map (vector data); Digital terrain model
Data input type	Maps; Vectorial and Raster data
Data collection frequency	
Level of expertise required	High
Synergies with other indicators	
Connection with SDGs	3
Opportunities for participatory data collection	
Additional information	
References	



14.26 Scenic sites and landmarks created

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Author/s and affiliations: Gerardo Caroppi^{1,2}, Carlo Gerundo², Francesco Pugliese², Maurizio Giugni², Marialuce Stanganelli², Farrokh Nadim³, Amy Oen³

¹ Aalto University, Department of Built Environment, Espoo, Finland (gerardo.caroppi@aalto.fi)

² University of Naples Federico II (UNINA), Department of Civil, Architectural and Environmental Engineering, Naples, Italy

³ Norwegian Geotechnical Institute (NGI), Oslo, Norway

Scenic Sites And Landmarks Created	Place Regeneration
<p>Description and justification</p>	<p>Some NBS could contribute to enhance landscape enjoyment increasing the amount of perceivable scenic sites and creating new landmarks that could represent new elements of local identity. If the project foreseen the built of new scenic sites, the enjoyment of landscape from other point of view could be a co-benefit for population and tourists.</p>
<p>Definition</p>	<p>A scenic site is a viewpoint where it is possible to enjoy the view of area valued for its aesthetic qualities. The area may be made up primarily of natural vegetated cover and water, or include structures and manmade landscaping.</p>