

A FRAMEWORK FOR GREEN INFRASTRUCTURE PERFORMANCE ASSESSMENT

We focus on incentivizing funding for green infrastructure (GI) projects through the development of an adaptable framework that comprehensively tracks the multi-sector benefits of GI projects.

Area Map

Our work focuses on 14 case studies from around the world. This includes 7 U.S.-based locations and 7 international locations.



Timeline

We are in the publication phase of our project and seeking partners in determining what useful next steps might be.

Partners

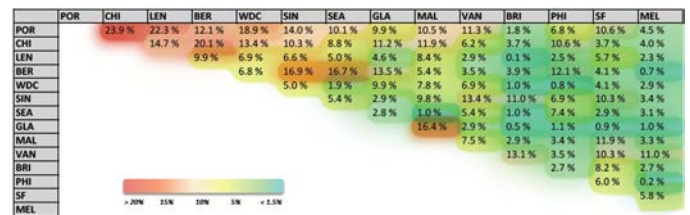
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Results

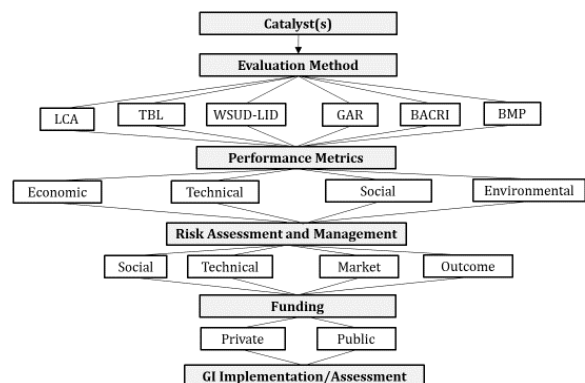
Our results suggest that: 1) many GI projects already incorporate one or more evaluation methods; 2) a number of highly specific metrics—particularly social and economic performance metrics—exist that are capable of capturing a wide-range of benefits that can be easily integrated into a model; 3) the incorporation of risk and risk management technique identification could be emphasized to increase investor confidence; 4) at least some degree of standardization across projects exists already and may not be difficult to achieve.

Website

<http://waterinthewest.stanford.edu/about/people/newsha-ajami>



HEAT MAP OF THE PERCENT PROXIMITY BETWEEN THE FOURTEEN SELECTED CASE STUDIES BASED ON EVALUATION METHODS, PERFORMANCE METRICS, RISK IDENTIFICATION, AND RISK MANAGEMENT IDENTIFICATION.



CONCEPTUAL MODEL REFINED WITH THE INCLUSION OF RESULTS FROM THE FOURTEEN CASE STUDIES.