

Transportation Infrastructure Durability Center **AT THE UNIVERSITY OF MAINE**



[1] Skorobogatova, O., & Kuzmina-Merlino, I. (2017). Transport infrastructure development 69-82.

An Integrated Framework for Data-driven Transportation Infrastructure Planning Sudipta Chowdhury, Department of Civil and Environmental Engineering, University of Connecticut Advisor: Jin Zhu, Ph.D., Department of Civil and Environmental Engineering, University of Connecticut

Results			
		Factors	Strongest
Public Perception Source Societal trend Allocation Community trend	Level U	Funding allocation	Service per
	Level 1		new design
		Environmental	Societal trei
	Level 2	performance	new travel r
		Vehicle type	Structural co
			performance
			new proces
		Community trend	Man-made
			new design
Loval 3		Total number of	Societal trei
drought, heatwave, flooding, s, avalanches, storm surges, earthquakes		vehicles	structural co
			performance
		Man-made disruption	Community
pills, cyber-attacks, terrorism, traffic crash			new proces
		Figure 6. Sample association stren	
Contributions			
nize enclyee and utilize information from different			
mize, analyse, and utilize mormation from unerent			

