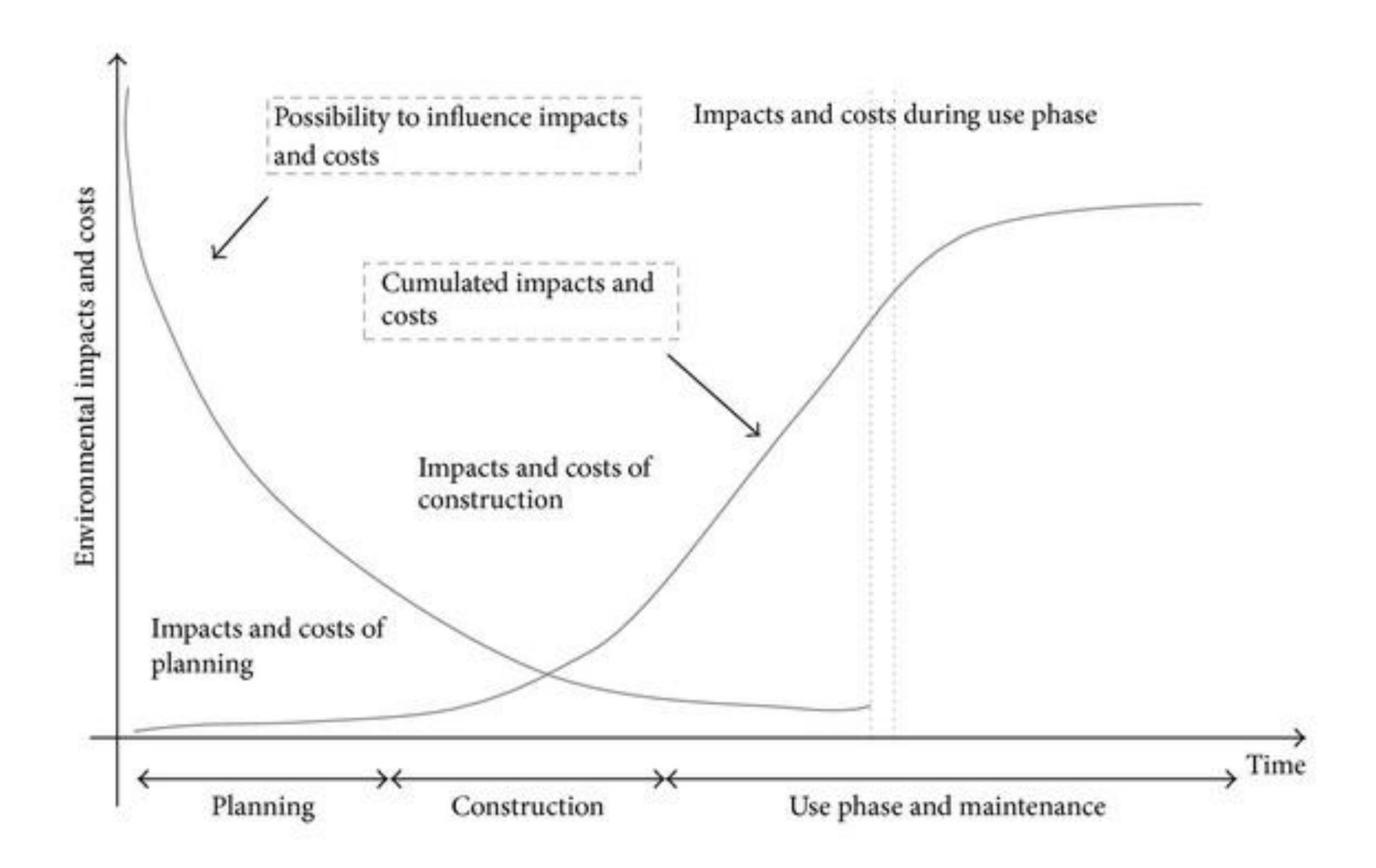
Impacts of Future Weather Trends on Public Infrastructure Needs and Design HF4231

Richard Graves, AIA

Director, Center for Sustainable Building Research Fellow, Institute on the Environment rmgraves@umn.edu





Early Stage Design Decisions: The Way to Achieve Sustainable Buildings at Lower Costs - Bragcana, et al., 2014.



B3 Guidelines Phases and Submission Timeline

The following is a comparison of the phase submissions under the B3 Guidelines program and common design phase names—note that this includes the phase names used for B3 Guidelines projects prior to version 3.0.

B3 Guidelines Phases	Description	Common phase names (includes phase names under previous versions of B3)
Predesign	Agency/owner must set up project in Tracking Tool, become familiar with B3 Guidelines (including calculating a preliminary SB 2030 Energy Standard), and establish a budget and select a design team based on B3/SB 2030 requirements. Guideline Leader transitions to member of design team once selected. An early Owner's Project Requirements (OPR) document should be drafted at this phase.	Agency Planning
		Predesign – Programming
		Predesign – Site Selection
Design	Guideline leader must check in to make sure design is on track to meet B3/SB 2030 requirements.	Schematic Design
Final Design	Guideline leader must check compliance of construction documents.	Design Development
		Construction Documents
Closeout	Guideline leader must verify that constructed building meets B3/SB 2030 requirements; Guideline leader transitions to Owner once	Construction/Construction Administration
	documentation of closeout is complete.	Correction Period
Occupancy	Owner is responsible for annual submission confirming B3/SB 2030 compliance in operations. Some information is only collected during the first year of occupancy.	Occupancy/Operations

www.b3mn.org - B3 Guidelines, 3.2 Projects Phases, Center for Sustainable Building Research, 2020

