

## From the Planners' Bookshelf...

### Next Generation Infrastructure: Principles for Post-Industrial Public Works 2nd Edition.

[Hillary Brown](#)

Island Press a trademark of the Center for Resource Economics,  
Washington DC, 2014.

#### From CharacterTowns.org...

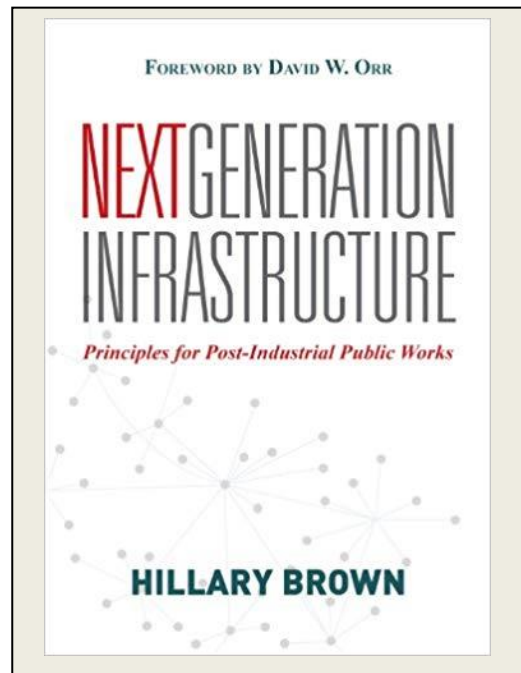
Despite being five years old, the ideas and insights offered in *Next Generation Infrastructure* are useful when deciding how to proceed with public works infrastructure improvements. Ms. Brown addresses infrastructure issues from the perspective of sustainability and systems thinking.

The optimization of goods and services balanced with economic and financial conditions offers insights into the decisions facing municipal governments looking to upgrade facilities into “smart” “green” systems. The time is coming when resource conservation will be upon us. Planning and designing neighborhoods in anticipation of this coming day would be prudent.

#### From the Forward by David W. Orr...

“The precepts of ecological design are straight-forward:

- 1) use nature as the standard; not something to be overcome,
- 2) eliminate waste so everything is food for other organisms;
- 3) use only renewable energy;
- 4) preserve and enhance biodiversity; and
- 5) distribute costs and benefits fairly within and across generations.”



**Hillary Brown, FAIA**, is Founding Principal of the firm New Civic Works and Professor at the Bernard and Anne Spitzer School of Architecture at the City College of New York. Previously, Brown served as Assistant Commissioner of the City of New York, where she was Founding Director of New York’s Office of Sustainable Design and led publication of the nationally recognized City of New York High Performance Building Guidelines and High-Performance Infrastructure Guidelines. She currently serves on the National Research Council of the National Academies’ Board on Infrastructure and the Constructed Environment. Brown has served on both the national and New York Chapter Board of Directors for the U.S. Green Building Council and is a Fellow of the Post-Carbon Institute.