

# Disciplinary Perspectives on Sustainable Urbanism

## **Architecture: The Triple Bottom Line of Buildings**

Materials usage: extraction, production, disposal. Retrofitting older buildings to new uses. Upgrading building technologies. Life cycle flows. Formulations of density accommodating infill. Building functionality. Aesthetics and the construction of socially and economically sustainable places. Performance monitoring. Energy usage and efficiency. Transit accommodation. Green innovations. Incentivizing sustainable practices. International dimensions. Preservation as sustainability. Construction management.

## **Landscape Architecture: Nature and Nurture**

Open space preservation. Park development. National environs as shapers of built environs. Actions enabling greater urban densities. Rural lands and their social, recreational, and global environmental consequences. Food systems. Regional land use accommodations to emerging societal infrastructure. Ecosystem planning and management. Food systems. Environmental restoration. Water supply and land use. Agricultural land preservation. Tree canopies. Urban parks. Urban gardening. Runoff management.

## **Urban and Regional Planning: Public Sector Perspectives**

Slowing sprawl. Fostering infill. Accommodating transit. Nurturing community. Accommodating innovations in water supply, waste management, energy production and distribution. Participatory practices. Developing new modes of regional growth accommodation. Coordinating land use and transportation. Developing new means for planning and policy development. Institutional innovations in support of equitable and sustainable solutions. Economic development. Economics of sustainability. Transit supportive land use. Infrastructural innovations in both more and less well-developed urban settings. Land use planning regarding networked infrastructural placements: transportation, waste management, energy supply, water supply, and food systems.