

What is a low-impact development? What are the common measures?

Low Impact Development (LID) methods utilize land planning and engineering design to manage storm water runoff. In concept, they use decentralized, small-scale source processing, working through osmosis, filtration, storage, evaporation and runoff delay engineering design combined with such aspects as urban land planning and landscaping, in order to achieve the goals of improved water quality, and reduced storm runoff. Common measures include green roofing, porous pavements, rainwater harvesting systems, planting of vegetation bioretention grooves, vegetated swales, natural drainage systems, and so forth. Through LID settings, runoff is slowed, reducing non-permeable area, and increasing the surface of stagnant water, flood, filtration, infiltration and other capabilities, to promote the ecosystem's development and the natural circulation of water.