Why Urban Agriculture?

Current agriculture practices and methods have led to serious issues with the economic, social, political, and environmental state of our world. From growing erosion to nutrient depletion, antibiotic resistance to pesticide toxicity, the impact of agricultural practices on our planet has never been more apparent. A solution to this problem is to increase urban agriculture — growing and cultivating food in densely populated areas for personal consumption by the grower, or for the distribution to the inhabitants located in a close proximity to where the food was grown. The design for the New York Urban Agriculture Center is the first of its kind - a museum-like space that will host the exhibits of urban agricultural practices. Some of these practices include hydroponics, aeroponics, container gardening, rooftop farming, vertical gardens, community gardens, and aquaponics. Modeled after the approach of The Living Building Challenge, the design for the New York Urban Agriculture Center is a regenerative space that connects occupants to light, air, food, nature, and community. With a fully integrated sustainability system, the building gives more than it takes, creating a positive impact on the human and natural systems.

Everyone agrees that climate change has and will have a disastrous or at least dramatic effect on agriculture - Modern Farmer Magazine

Sustainability Strategies

- Erosion
- Irrigation Cost
- Nutrient Depletion
- Water Pollution
- Deforestation
- Economic Pressures
- Pesticide Toxicity
- Antibiotic Resistance

20% of the food in the world is produced in urban settings.