



# Edible Landscapes For Food Security in Nigeria

*Introduction*

*The  
Challenge*

*The  
Proposal*

*Case Study*

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*AD Connect*

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# *Introduction*

- *Who we are*
- *What we do*
- *Our passion*
- *Definitions*

*Who we are*

*What we do*

*Our passion*

*Definitions*





*We are landscape design firm*

# *WHAT WE DO*

*Site Planning*

*Planting Design*

*Irrigation Design*

*Landscape Design*

*Erosion Control*

*Sustainable urban drainage  
system (SUDS)*

*Our Passion*

*Edible Landscaping*  
*Permaculture Design*

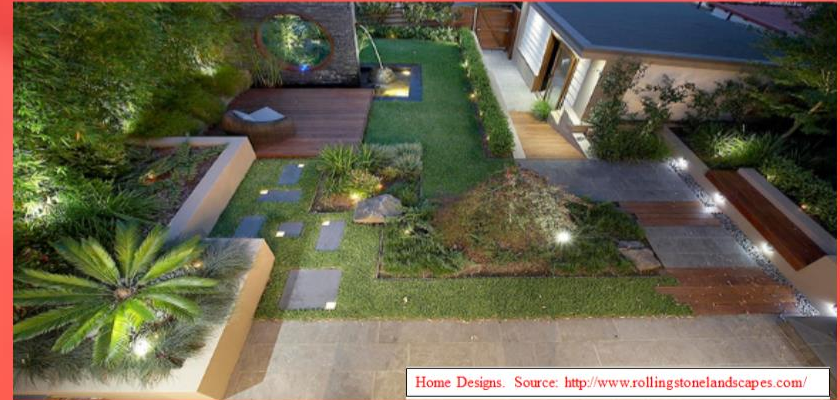
# *Landscape Architecture*

*Is a design profession which combines art, science and technology to propose meaningful and thoughtful change to the built environment. It is concerned with the design, planning, management and stewardship of the land.*

Source: ASLA Alaska chapter & Purdue agriculture



Battle Born lawn Landscape. Source: <http://landscape-lv.com>



Home Designs. Source: <http://www.rollingstonelandscapes.com/>





# *The Challenge*

*The growing state of food insecurity in Nigeria and what we can do as environmental design professionals to improve the situation*

*The  
Nigerian  
Government*

*The United  
Nations*

*The  
Country*

## *The Nigerian Government*



Source: <http://www.frontiersnews.com>

*“we must in few years time, at most, be able to feed ourselves. You should therefore encourage your followers to get ready and grow enough food to feed ourselves. Tell our people who have lands to cultivate them even if it is to feed their family only,”*

*President Muhammadu Buhari 2016*



# *The United Nations*



*The United Nations Development Programme, UNDP (2016), warns that Nigeria might experience food shortage, if urgent interventions are not put in place to enhance food production*



## *The Country*

*Over Population*

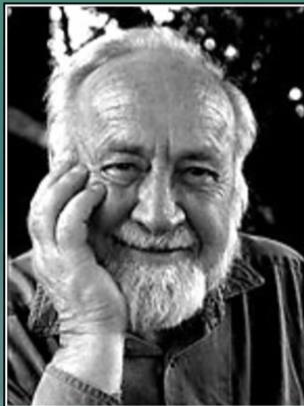
*Fulani herdsmen*

*Climate Change*

*Cattle Rustlers*

*Just to mention a few problems fostering  
the Nations food insecurity.*

# The Proposal



The greatest change we need to make is from consumption to production, even if on a small scale, in our own gardens. If only 10% of us do this, there is enough for everyone.

Hence the futility of revolutionaries who have no gardens, who depend on the very system they attack, and who produce words and bullets, not food and shelter.

— Bill Mollison —

AZ QUOTES

*This is the time for the built environment professionals to rise up to the challenge and lend a helping hand.*

*History*

*Edible  
Landscapes*

*Integration*



## *History of Edible Landscaping*

*Integrating food growing into other landscape uses (recreational, aesthetic, etc.) is not a new concept*

- *Old Spanish Gardens*
- *Traditional Nigerian Eastern women*  
*to name a few*

# *Different forms of food production (edible landscapes) in built environments*

## *The urban food gardening*

- *Family kitchen gardens*
- *Community gardens,*
- *Educational/demonstration gardens*



Source: Edible front garden design.



Children garden museum. Source: <http://www.thinkplaycreate.org/>

## *The urban landscaping*

- *Edible greening and landscaping with fruit trees*
- *Edible landscaping with crops or vegetables*

## *The urban farming*









*Edible landscape garden design  
Katampe Ext.*



*Garden Plan*

*Site  
Adaptive  
Reuse*

*Raised  
beds*

*Vegetables*



*Adaptive Reuse of a borrow pit  
into a pond*





*Raised beds for  
vegetable gardening*





