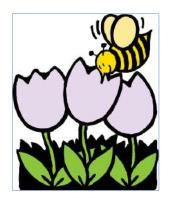
06_30_19



BACKGROUND



Climate change: It's bad for bees (Leah Duran)



If the bee disappears from the surface of the earth, man would have no more than four years to live

Climate Change, Build-Build, Population NEXUS Climate Change is notSTAND ALONE CONCERN ----

Climate Change

Prepare for the Worse

Population
Growth and
Changing Food
and Water
Demands

Build -Build -Build

Best mix of science and traditional knowledge to manage common and shared resource



The New Normal Game Changers
For the Same Hazards, More DRR-CCA

IMPACTS

IMPACTS OF CLIMATE CHANGE









CONSTRAINTS

New Normal of Climate Change:

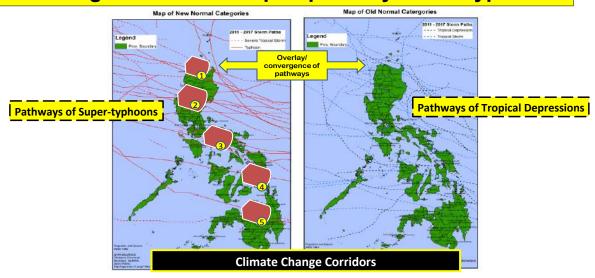
Extreme climate events... The New Norm

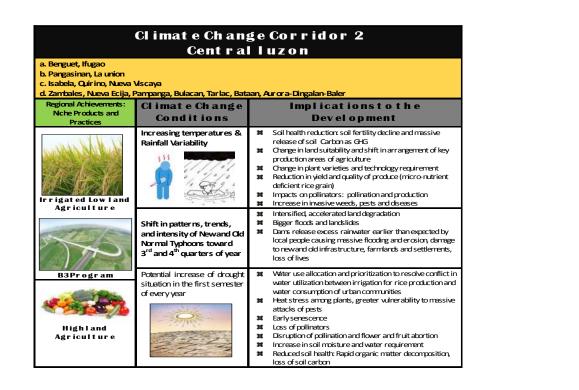
THE CLIMATE CHANGE CORRIDORS

Integration of Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR).

EVIDENCE – BASED CLIMATE CHANGE CORRIDOR

Convergence and overlap of pathways of all typhoons







Ineffective Traditional Knowledge application for climate uncertainties and changing environment





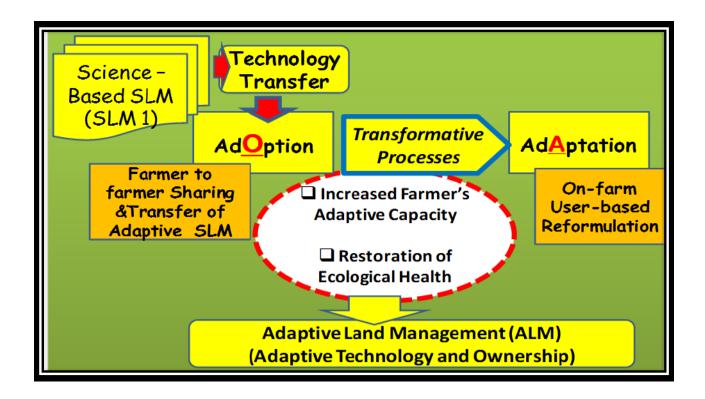
3. Documentation of successful mainstreaming efforts efforts remains inadequate and communication ineffective.

There is no one-sizefits-all approach to mainstreaming. 4. The journey from a plan on paper to action on the ground can be slow ---

5. Multiplicity of stakeholders with different mandates and priorities

SOLUTIONS

Community vs Individual Adaptation of Science-Base Technologies

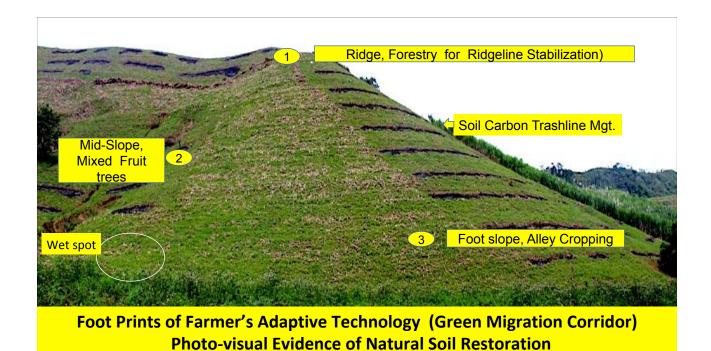


EVIDENCE-BASED SOIL HEALTH RESTORATION

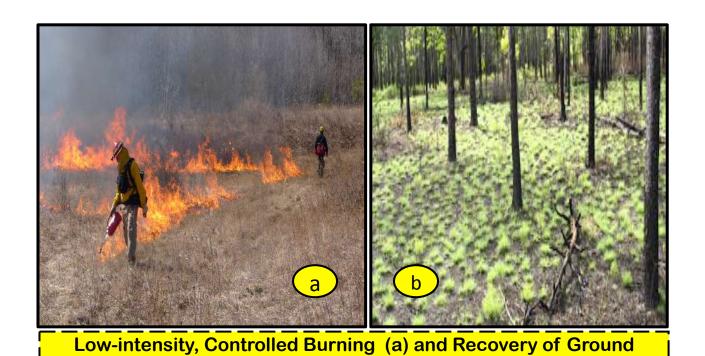
Responsible Transformative Development

PHASE 1: Responsible Farming to Nurture Soil and Nature's health and in return ----

PHASE 2: Healthy soil and nature to nurture farm family's health and wealth



Should we discourage the burning of farm waste?



Vegetation (b) (Source / Credit: Wikipedia, undated)



Corn Yield and Root Development







Year 1

Year 2

Year 3

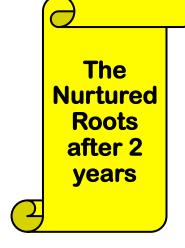
After three Years of the Project implementation of Soil Health Restoration







Complementation of the forest tree and corn plant for diversified sources of incomes





The Nurtured Landscape after 3 years



THE New FARMER-Entreprenure AFTER 3 years of the the project



Shifting Agribased
livelihood
to full
Agribased
entrepreneur
in the near
future



Food readily available, the new diversified source of income

Converting Old annex of her house into agro-supplies store:

Now with disposable income to start small agri-related business

RECOMMENDATIONS

- Establishment of National Data Base
- Documentation and Mainstreaming of Climate Change Corridor as the Physical Framework for CCA-DRR Integration

