Water, Land and Ecosystems: Progress and Future Implications

CGIAR RESEARCH PROGRAM ON Water, Land and Ecosystems

LED BY: IWMI International Water Management Institute

IN PARTNERSHIP WITH:

Bioversity International · CIFOR · CIAT · CIP International Potato Center · FAO · ICARDA · ICRISAT International Crops Research Institute for the Semi-Arid Tropics · IFPRI International Food Policy Research Institute · ILRI International Livestock Research Institute · RUAF Foundation · World Agroforestry Centre · WorldFish

Finding solutions to new, complex and interconnected drivers of risk

Rural - urban food systems

Integrated water solutions

CGIAR
Water, Land & Ecosystems

Land and soil restoration

Equity and inclusivity

Partnerships for taking research to impact

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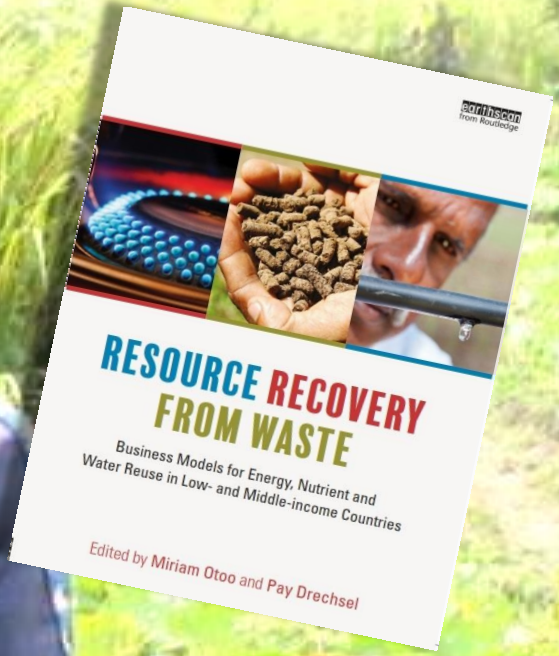
Urban resilience and resource recovery and reuse

Meet George and guess which of his cabbages has been irrigated with wastewater

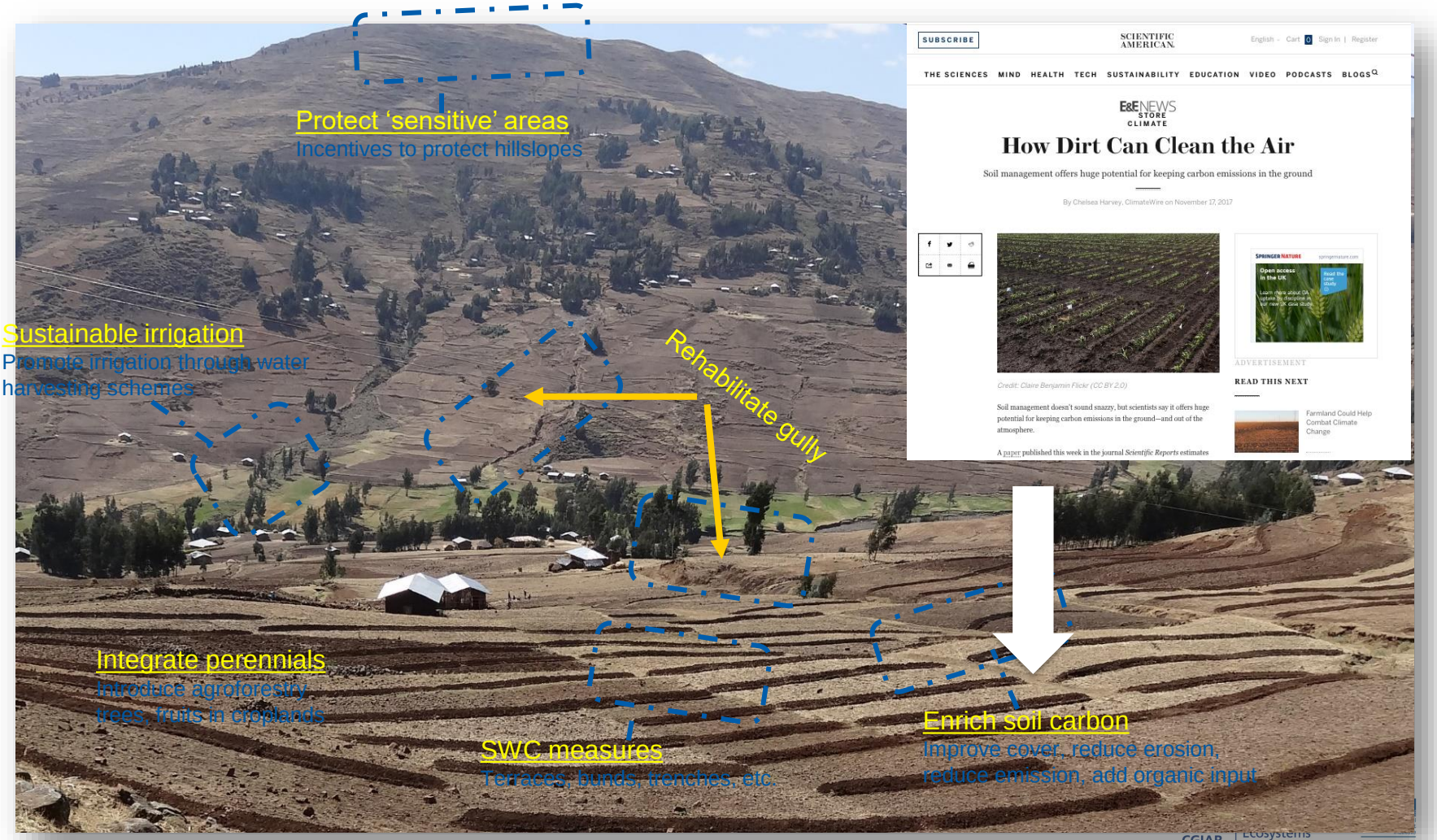


Small-scale water solutions for smallholder resilience

Here comes the sun!

- Solar irrigation is exploding
- Less CO2 emissions
- More food, health & hygiene
- Businesses sell tech, services
- Farmers get more reliable water & incomes
- WLE/IWMI pilots see tremendous potential in Africa & India

Land and soil restoration for sustainable food production



Gender & inclusivity

- Awareness and recognition of differing needs
- Tools, institutions and technologies

A focus on urban food security – resilience and risk management

- Food systems analysis
- Planning tools

Feminization of agriculture

Decision support for managing risks, trade offs and nexus

Enhancing private sector partnerships

- Business cases for land restoration
- Social enterprise: Innovation solutions for Decision Agriculture
- Waste-based soil rehabilitation applications
- Insurance and gender

2018-2019 Priorities

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