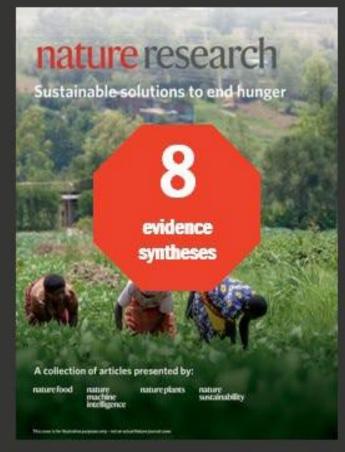
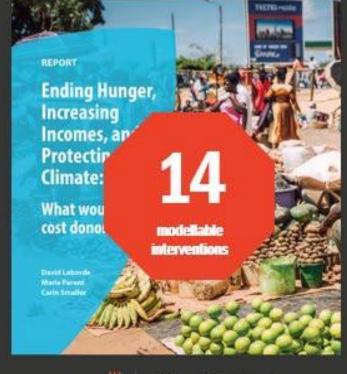


Hybrid donor roundtable: Assessing the Data 'Quantum' Leap in Agriculture and Food Systems: Consultations for New Strategic Directions

Ceres2030 collection

Sustainable Solutions to End Hunger



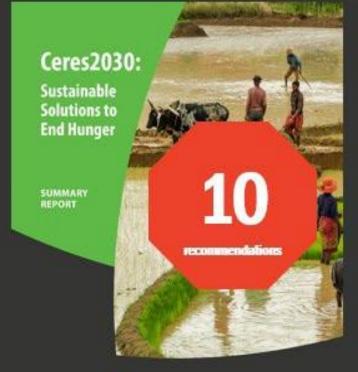




Ceres2030

















The Problem

Rilinascettle lace virtues transference in a million easily make use of innovations coming placed at a million easily make use of innovations coming placed at a million easily make use of innovations coming placed at a million easily make use of innovations coming placed at a million easily make use of innovations coming placed at a million easily make use of innovations coming placed at a million easily make use at a million easily make use of innovations that are unconnected from each other.

Tapping into "small and wide" data



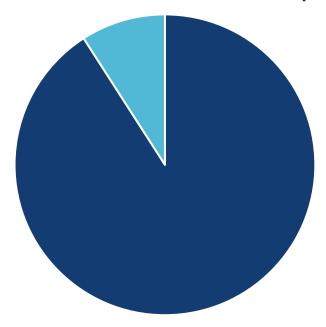
Artifical intelligence can support a "quantum leap"—but it requires a roadmap.

- Who are the communities that we serve? (We call these user populations.)
- What are the problems these communities face? (We call these open-ended questions.)
- What are the range of solutions available to address these problems? (We call these **interventions**.)
- What do these solutions solve, and are they measurable? (We call these **outcomes**.)
- How do we implement the solutions to drive forward action?
 (We call this data-driven insight.)

Persistent gaps in gender



Ceres2030 scoping reviews (100,000 papers)

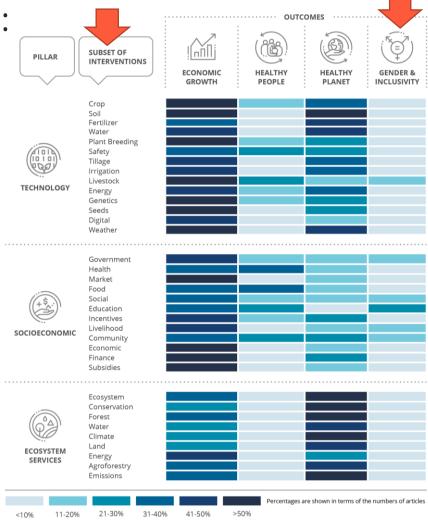


Limited data about gender

■ Papers supporting

Gender

Mining the Gaps: 1 million papers on small-scale farmers



Evidence Pillars & Gaps in Research Outputs

Climate & environment gaps AGRICULTURAL-LED RESILIENCE ECONOMIC GROWTH PEOPLE & INCLUSIVITY, AND **Broad** Narrow **Environmental** Market **Practice** Cost Climate Community Increased Social Social Service Service Income Productivity Yield Resilience Nutrition Gender Efficiency Change Resilience Sustainability Knowledge Effectiveness Cohesion Inclusion Learning Type Type Extension **Agricultural Inputs General Agronomy** Financial Training **Human Nutrition Output Market Links** Insurance Markets, Prices and Subsidy Payments Information Service provider links SERVICES **Best Management ADVISORY 8 EXTENSION** Sមនុស្ស&@haimliManagement Subsidy SERVICES Soil & Land Farm Management Software

Digital agriculture services in low- and middle-income countries: A systematic scoping review https://doi.org/10.1016/j.gfs.2022.100640

Water & Irrigation

Weather & Glionatary

DIGITIZED

FARM TOOLS

The Way Forward



Al is helping us find how to make quantum leaps using unstructured data.

Data complements are an important opportunity.

Coordination is essential.

