

# Evidence for Resilient Agriculture (ERA): a meta-data based tool for technology-shift decision in Agriculture in Sub-Saharan Africa

**Project Title:** P1593 - Partnership for scaling up gender and nutrition-sensitive CSA

**Description of the innovation:** ERA is a meta-dataset and analytical engine that uses the last 30 years of agricultural research in Sub-Saharan Africa to ask and answer questions about the effects of shifting from one technology to another on indicators of productivity, resilience, and climate change mitigation outcomes. ERA includes approximately 75,000 observations from 1,400 journal articles. ERA is designed to democratize data, making available information on questions next users are asking when they need it.

**New Innovation:** No

**Stage of innovation:** Stage 3: available/ ready for uptake (AV)

**Innovation type:** Research and Communication Methodologies and Tools

**Geographic Scope:** <Not Defined>

**Number of individual improved lines/varieties:** <Not Applicable>

**Description of Stage reached:** ERA has been in development for a number of years. ERA has successfully been piloted with various next users during development and recently has been used to inform investment plans and adaptation plans, passing successful piloting (Stage 2). With its public release in October, ERA entered Stage 3.

**Name of lead organization/entity to take innovation to this stage:** ICRAF - World Agroforestry Centre

**Names of top five contributing organizations/entities to this stage:**

- GoK - Government of the Republic of Kenya
- The World Bank
- Government of Tanzania

**Milestones:**

- CSA compendium online, further development and update (approximately 75,000 data points)

**Sub-IDOs:**

- 45 - Increased capacity for innovations in partner research organizations
- 41 - Conducive agricultural policy environment

**Contributing Centers/PPA partners:**

- ICRAF - World Agroforestry Centre

**Evidence link:**

- <http://era.ccafs.cgiar.org>

**Deliverables associated:** <Not Defined>

**Contributing CRPs/Platforms:**

- CCAFS - Climate Change, Agriculture and Food Security