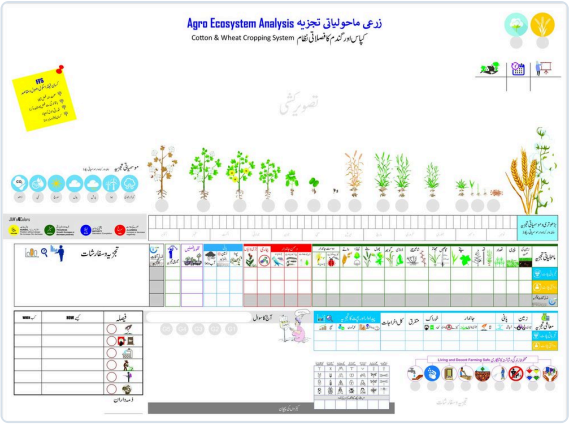
Architecting the climate-resilient field.

A founder-led climate change and agri-food systems consultancy. We help governments, UN agencies, NGOs and agribusinesses design, digitalise and scale Farmer Field Schools and climate-smart agriculture, built on 24 years of field work in Pakistan, Jordan and Lao PDR.

Empowering smallholders to observe, decide and lead change in their own fields.



24	6,400+	150,000+	US$10M	66
years of field practice	farmer & women's field schools	farmers trained	climate-smart packages, ~200,000 households	books & publications

TEN CORE SERVICES

Farmer Field School digitalisation
Digital AESA boards, facilitator workflows, attendance and plot records, and dashboards that turn weekly observations into programme evidence.

Climate-smart agriculture training
Blended courses on water efficiency, soil health, resilient varieties, homestead food systems and livestock fodder.

FFS & CSA consultancy
Programme design or rescue, from concept note to SOPs, one-curriculum, investment packages and monitoring framework.

Digital advisory & early warning
SMS, WhatsApp and voice advisories: seasonal outlooks, pest and disease alerts, irrigation timing and market information.

Training of facilitators
ToF and master-trainer programmes with AESA practice and coaching, led by a certified FAO Master Facilitator.

Knowledge products & research
Curricula, technology catalogues, cost-benefit tools and training films that turn field evidence into usable products.

Climate-smart village profiling
Village assessment, climate-risk mapping and a practices portfolio with a village action plan.

Project proposal development
Concept notes and full proposals for GCF, GEF and bilateral donors, with results framework, budget and safeguards.

Programme & business plans
Organisational strategies, multi-year programmes and business plans for organisations and rural enterprises.

Agribusiness plan development
Business plans, producer marketing groups and machinery pools for smallholders; 40 community business plans for FAO.

FIELD-TESTED INNOVATIONS

- **Jam's4Colors**: a four-colour analytical language for Farmer Field Schools; among FAO-RNE's top 20 innovations, 2020.
- **Agro-ecosystem analysis (AESA) boards** for crops, livestock, orchards and homestead gardens; published by FAO (2021).
- **e-FFS Ecosystem**: offline-first digital home for FFS networks.
- **CSA Triple-Win Calculator**: scores practices on productivity and income, adaptation and mitigation.
- **27 climate-smart technology catalogues** for Jordan, Pakistan and Lao PDR.

HOW TO ENGAGE

Advisory sprint · 2–4 weeks
Programme review, curriculum check or a technical opinion that has to survive donor review.

Programme partnership
End-to-end design and delivery of an FFS or CSA programme, with digital tools, facilitator training and monitoring.

Retained advisor
Technical guidance across a programme cycle: monthly reviews, curriculum updates and field coaching.

SELECTED ASSIGNMENTS (LED OR DELIVERED BY THE FOUNDER)

PAKISTAN · 2020–23 · FAO · GCF

Indus Basin climate-smart adaptation packages

Designed and led **US$10 million** of resilient seed, input and mechanisation packages for about **200,000 households**.

PAKISTAN · 2020–23 · FAO · GCF

3,564 field schools for the Indus Basin

624 Climate Business Field Schools, 960 Zero Hunger Women Open Schools and 1,860 demonstration mini-schools.

JORDAN · 2024 · FAO · GCF

Climate-smart FFS for water-use efficiency

Lead Master Facilitator for three 30-day Training of Facilitators courses for **53 Ministry of Agriculture officers**.

LAO PDR · 2025–26 · FAO · GOVERNMENT OF JAPAN

48 Climate-Smart Villages in Luang Prabang and Oudomxay

Led the CSA component across **48 villages**: village profiles and a climate-smart practices portfolio.

PAKISTAN · 2022 · FAO · USAID

Flood response in Punjab

Led the flood emergency mission supporting **15,000 households** with agricultural inputs.

PAKISTAN · 2004–09 · PAKISTAN AGRICULTURAL RESEARCH COUNCIL

National IPM Programme

2,000 FFS, 21 ToTs for about 550 facilitators and 10 national farmers' congresses.

FOUNDER



Jam Muhammad Khalid

FOUNDER & LEAD EXPERT

Agriculturist and climate change specialist who began as an IPM and Farmer Field School facilitator in 2002. He has supervised 6,400+ farmer and women's field schools, led US$10 million of climate-smart adaptation packages for about 200,000 households, trained ministry officers as lead Master Facilitator in Jordan, Pakistan and Lao PDR, and written 27 climate-smart technology catalogues among 66 publications.

Certified Master Facilitator, FAO Pakistan 2003, 2022 · Jordan 2024 · Lao PDR 2025

Best Employee Recognition Award, FAO, 2020

Value Management Master Facilitator, University of Canberra, 2017

Better Cotton (BCI) verifier/auditor, Sri Lanka, 2011

ISO 14001 and ISO 14067, 2025

Member, Global FFS Forum · founding member of SOFT · Director of FIDA

RECENT PUBLICATIONS (FAO, 2026)



CSA practice cost-benefit assessment tool



Sprinkler irrigation catalogue



No-tillage catalogue



Organic mulching catalogue



Composting catalogue

CONTACT
info@jamkhalid.com
WhatsApp +92 316 316 4411

WEB
www.jamkhalid.com
linkedin.com/in/jam-muhammad-khalid-b640a434

BASED IN
Pakistan
Working across the Near East and North Africa, and Asia and the Pacific

Assignments listed were led or delivered by Jam Muhammad Khalid in his roles with the organisations named. Organisations, programmes and projects are named only to identify where past assignments were delivered; this does not imply their endorsement of jamkhalid.com. Company registration with the Securities and Exchange Commission of Pakistan (SECP).