

SKim

Strengthening Knowledge Management
for Greater Development Effectiveness
in the Near East, North Africa,
Central Asia and Europe



Science and Best Practice of Knowledge Management for Achieving Impact at Scale

Dr. Murat Sartas

2023-04-18



Procasur



Outline



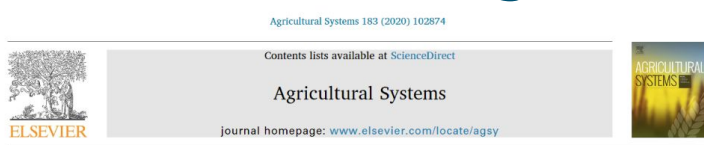
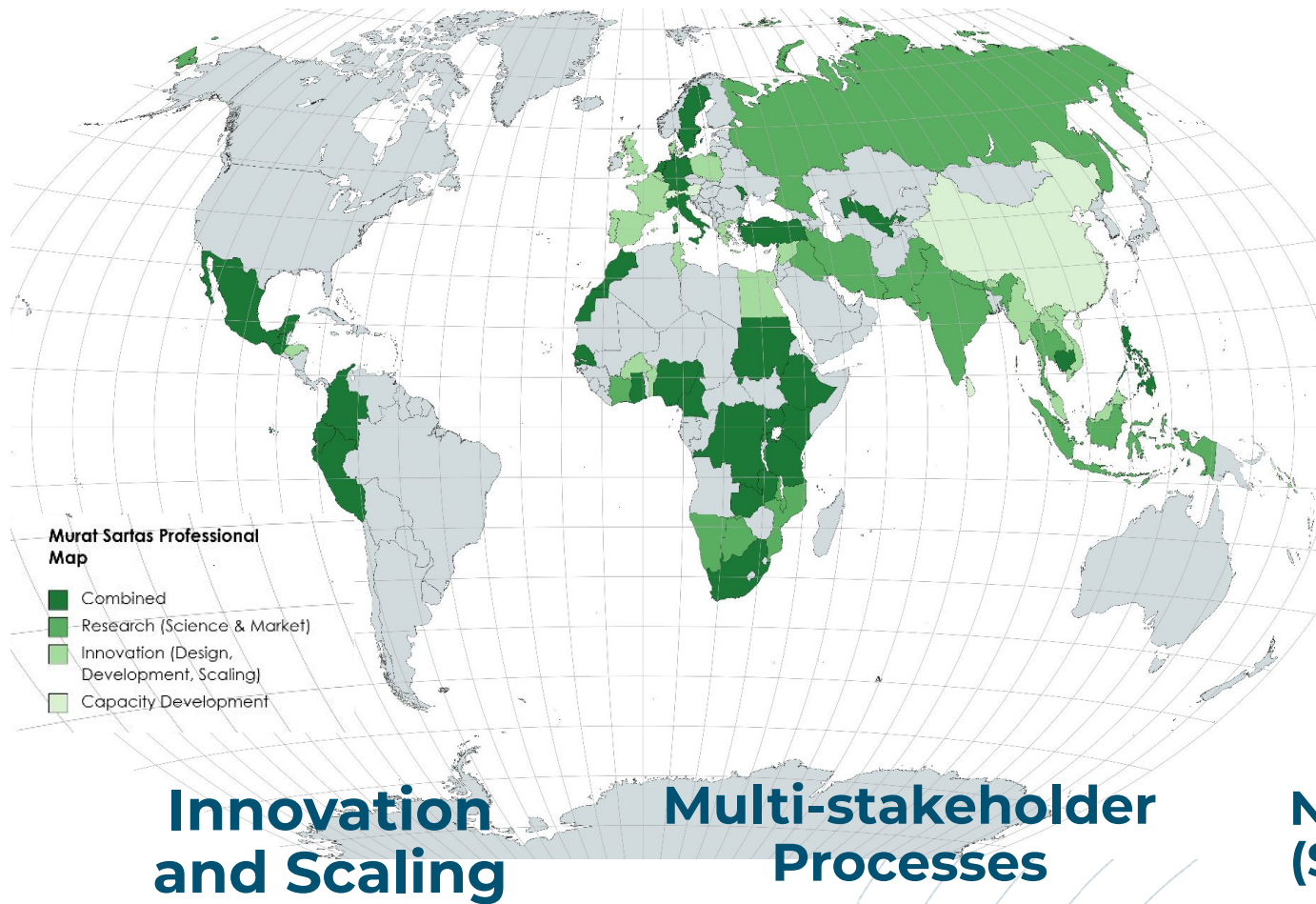
- SKiM project outputs
- Learning for Knowledge Management from the Science and Scaling Studies
 - Knowledge Management Science
 - Scaling Readiness Study for Sudan
 - Scaling Studies
- Potential Contributions to IFAD KM Ecosystem
 - Revisiting IFAD's KM Strategy
 - Potential Contribution to In Business Processes
 - Potential Contribution to Capacity Development
 - Potential Contribution to Evaluation/assessments, research, digital learning and sharing platforms and IFAD publications
 - Brainstorming

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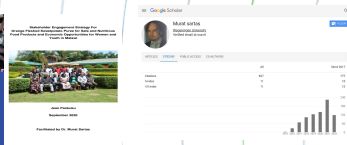
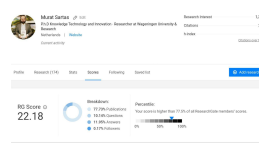


Introducing Murat Sartas



Scaling Readiness: Science and practice of an approach to enhance impact of research for development

Murat Sartas^{a,b}, Marc Schut^{a,b,c}, Claudio Proietti^c, Graham Thiele^c, Cees Leeuwis^a



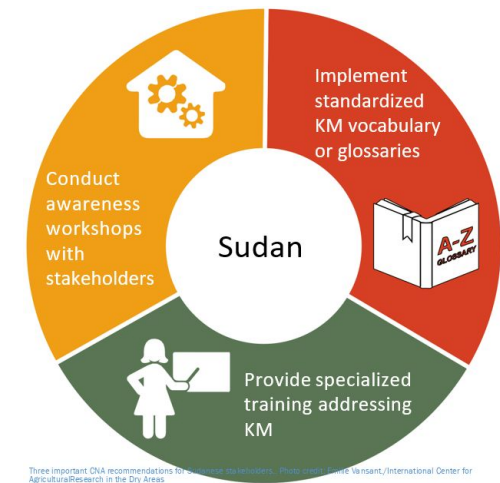
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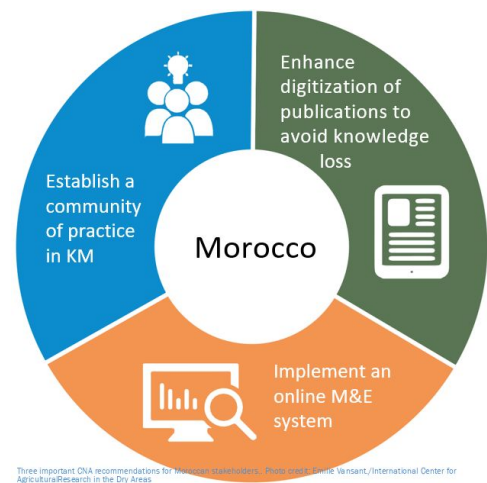


SKiM Project Outputs

SKiM In a Nutshell



Three important CNA recommendations for Sudanese stakeholders. Photo credit: Erika Waisant/International Center for Agricultural Research in the Dry Areas



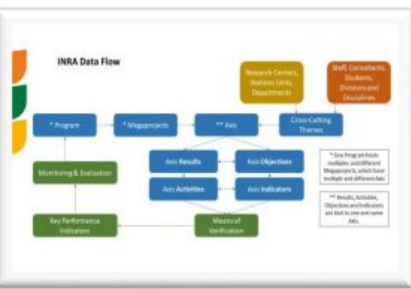
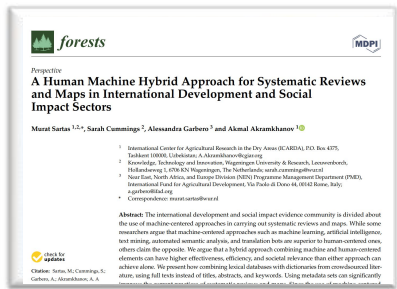
Three important CNA recommendations for Moroccan stakeholders. Photo credit: Erika Waisant/International Center for Agricultural Research in the Dry Areas



Three important recommendations for Moldovan stakeholders. Photo credit: Erika Waisant/International Center for Agricultural Research in the Dry Areas

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March 2023

COMPLETE SCALING READINESS STUDY OF Natural Resource Governance Framework and Sustainable Natural Resources and Livelihood Programme in Sudan

Murat Sartas
Guma Kalo Kunda Komey
Ahmed Subahi
Rasha Omar

Enrico Bonaiuti
Svetlana Saakova
Valerio Graziano
Akmal Akramkhanov

IFAD **CGIAR** **ICARDA** **MEL**

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Learning for Knowledge Management from the Science and Scaling Studies

Knowledge Management Science

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Perspective

A Human Machine Hybrid Approach for Systematic Reviews and Maps in International Development and Social Impact Sectors

Murat Sartas ^{1,2,*}, Sarah Cummings ², Alessandra Garbero ³ and Akmal Akramkhanov ¹ 

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“A hybrid approach **combining machine and human-centered elements** can have higher effectiveness, efficiency, and societal relevance than either approach can achieve alone.”

“Studying and managing less than a decade-long projects, programs, policies, and other interventions aiming at improving agricultural and food innovations requires **specifying the innovation stages or the stage of the innovation pipelines**. In parallel, their performance should be assessed if they achieved their objectives in that part rather than the ultimate impact goals.”

“the design and implementation of knowledge management interventions for improving the performance of innovative solutions need to be **context-specific, tailored to the specific needs of different types of pipelines**, and **responsive to the changing demands of different stages of pipeline development**”

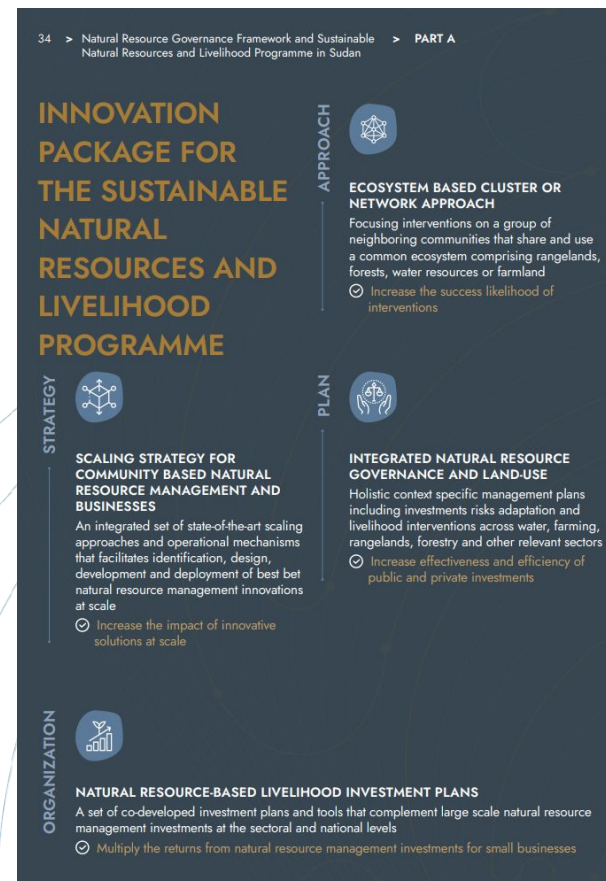
How do Knowledge Management Interventions Contribute to the Development, Scaling, and Impact of Agricultural and Food Innovations?

A Systematic Map of Knowledge Management Interventions and Their Contributions to Development, Scaling and Impact of Agricultural and Food Innovations



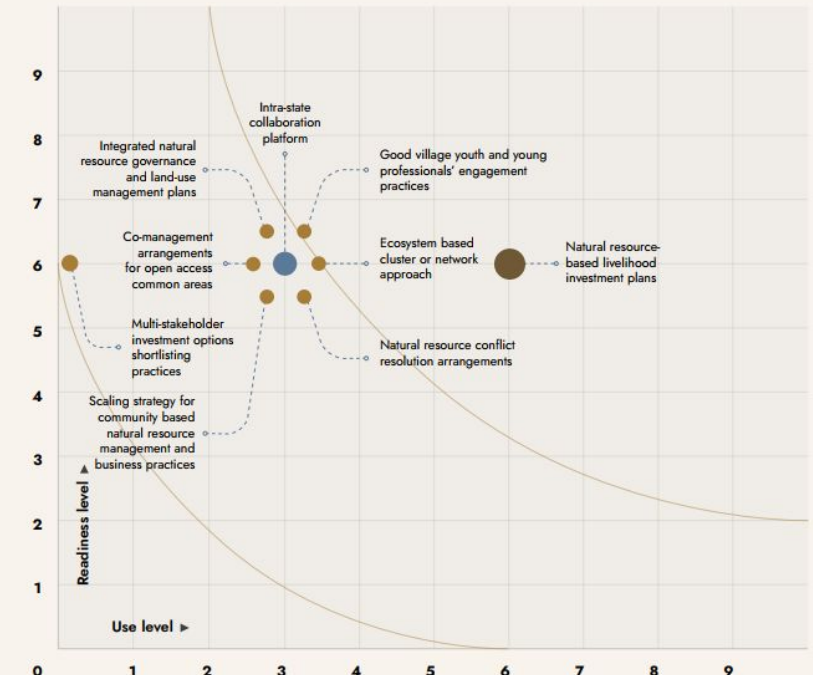
Scaling Readiness Study for Sudan

- **collaborative effort** between SKiM, IFAD NENA and CEN teams and critical stakeholders of natural resource governance in Sudan
- a **decision support** system designed to support international research for development projects and programs
- distinguished by i) using **evidence** on the assessment rather than expert opinion, ii) dealing with impact ambitions through an **innovation lens**, and iii) empowered by the Technology Readiness tradition established by **NASA** and used by among others **EU** Research and Innovation Programs like Horizon 2020.

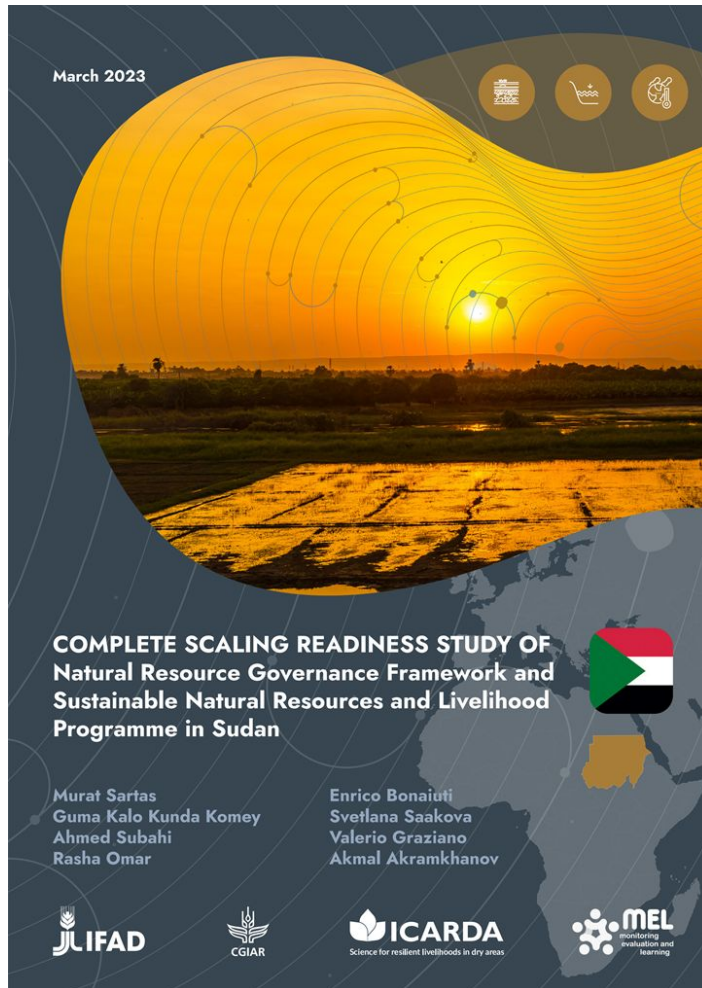


SUSTAINABLE NATURAL RESOURCES AND LIVELIHOOD PROGRAMME IN SUDAN FOR INCREASING EFFECTIVENESS, EFFICIENCY, INCLUSIVITY AND SUSTAINABILITY OF NATURAL RESOURCE USE

Sustainable Natural Resource And Livelihood Programme in Sudan has an Average Readiness level (vertical axis) of **6** Average Use Level (horizontal axis) of **3**, corresponding to the Average Scaling Readiness Score of **18**



Scaling Studies



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- Natural Resource Governance Framework (NGRF) has significant ***organizational and process innovations*** ... it is critical to document the processes of NRGF and SNRLP and enable organizational and management researchers to rigorously analyze these documents so that the impact the NRGF and SNRLP can be sustained and improved in Sudan continuously.
- Establishing a ***systematic knowledge management architecture and incentivizing partnerships*** between Sudanese government, local universities and research units with international leaders of NRM governance can be important complementary interventions.
- to establish partnerships with organizations that can develop and validate ***multi-stakeholder shortlisting of investment options*** in Sudan

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Potential Contributions to IFAD KM Ecosystem

Revisiting IFAD's KM Strategy

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Knowledge Management | STRATEGY

- ... IFAD's **decentralization process**, in particular the establishment of dedicated knowledge and SSTC centres in three regions, will create a much stronger capacity to maximize field experience and the knowledge generated through engagement in SSTC initiatives
- ... The strategy will be implemented through actions to strengthen IFAD's **knowledge generation, knowledge use, and the enabling environment** for learning and knowledge-sharing.
- Theory of change
 - Higher **quality** project and country programme **results**;
 - **Scaled up** development results;
 - Enhanced **use of evidence-based** and experiential knowledge;
 - Greater visibility, credibility and **influence**;
 - A **stronger learning culture**
- Inventory of IFAD's knowledge resources





Potential Contributions

- In Business Process
 - COSOP's: providing an ***innovation perspective and metrics*** into drawing on experience from previous country programmes and projects, lessons and findings from evaluations and relevant research, and tap into knowledge from consultation with experts, government officials, development partners and beneficiaries
 - PDT: providing innovation and scaling ***intelligence*** to cross-divisional and interdepartmental project delivery teams
 - RIMS: providing short-term observable innovation and scaling ***indicators*** for Results and Impact Management Systems
 - Midterm review: providing an innovation and scaling ***performance section***

Potential Contributions



- Capacity-building
 - Operations Academy: **training module or session** on strategizing and evaluating innovation and scaling management for impact at scale
 - Learning Labs:
 - sharing the NENA and CEN KM learnings to LAC Learning Lab,
 - providing investment intelligence on innovations for Philanthropy Lab
 - Regional implementation workshop: a presentation in the upcoming NENA and CEN workshops
 - Ag-Scan: indicators for ME systems, contributions to action plans
 - PriME: innovation and scaling module for M&E training



Potential Contributions

- Evaluations/Assessments
 - Impact Assessment Initiative: providing short-term and long term observable innovation and scaling evidence
 - RIDE: innovation and scaling contribution dashboard for the Report on IFAD's Development Effectiveness
- Research
 - Research: Innovation and scaling support for IFAD research
- Digital Learning and sharing platforms
 - ORMS: Innovation and scaling support module for Operational Result Management System
 - LMS: Developing a e-learning course on innovation and scaling management, innovation and scaling metrics for learning management system
 - IFAD Country Pages: proving innovation, scaling readiness graphs for the innovation portfolios
- IFAD Publications
 - Research series: a study on studying IFAD's innovation portfolio
 - How to do notes and toolkits: how to design innovation and scaling strategies and action plans



What do you think?

- SKiM KM Science and Scaling Work can contribute to
 -
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Thank You



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