SKiM 2023 Steering Committee Meeting

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14th-15th March 2023
2022-2019 KM Activities
Summary & Timeline

• Overall objective: Develop and test a framework for demonstrating value of KM to decisionmakers

• Activities 2019-2020:
  • Develop framework: Time savings and enhanced decision making (uncertainty reduction) are sources of KM value
  • Identify sources of information on agricultural research expenditure allocations for ARC, Sudan
  • Historical data on yield gains (field trials and experimental data) in Sudan
  • Current research portfolio, ARC Sudan
2022-2019 KM Activities
Summary & Timeline

• Activities 2020-2021:
  • Prepare and test questionnaire for agricultural research priority setting, ARC Sudan
  • Conduct interviews with ARC Sudan: Administration, scientists and program leaders, extension specialists
  • Collect additional data needed for priority setting
  • Generate initial profile of research portfolio and validate information

• Activities 2021-2022:
  • Present results of priority setting exercise to ARC leadership
  • Develop and test questionnaire for measuring decision-making uncertainty; apply method and compute value of KM
  • Construct Moodle course for valuation of KM
2022-2019 KM Activities
Dissemination & Media

• Seminar to ARC (Sudan) decision-makers on enhanced priority setting for research
  • Feedback on contents and missing elements
  • Study revised with these elements in mind

• Moodle course created to popularize the KM valuation method
  • Combination of lecture, data gathering, and presentation
  • Up-to-date repository of key literature, survey instruments and data needs
• Literature on the value of KM systems is sparse—measurement of value is fraught

• Various techniques are available for measuring and valuing time savings, but main value comes through better decision making

• KM system value depends on content, value is greater when:
  • Provides knowledge on an important (consequential) decision
  • Decision maker minds are not made up
  • Optimal decision is unknown or surrounded by uncertainty
  • Knowledge embedded in KM system is reliable—content should be high quality (in ARC, there are significant gains from making the knowledge more accessible to decision makers)
Thank You