ICT-enabled Agricultural Science for Development
Scenarios, Opportunities, Issues
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ICTs transforming agricultural science, research & technology generation
Science Forum Workshop Theme 3
Scenario’s

• Internet and Web technology: Content management, Search Engines, Semantic Web, Intelligent Agents, Web Services, and Web 2.0 tools

• Decision support system: Simulation and modeling methods and Knowledge Based Systems (KBS)

• Data, Text and Web Mining : Natural Language Processing, Machine Learning, and Pattern Recognition and Analysis
Opportunities

• Access, and use of Information and enhance communication of all agriculture stakeholders in rural and urban areas -- Research and Rural Communities

• Better problems understanding, problem solving tools, and knowledge transfer -- Research and Rural Communities

• Extracting knowledge and information from databases, text, and web -- Research Community
Issues

• Enhance the following services: Information Retrieval, Information Extraction, Knowledge Transfer,….

• Reduce the Hardware and Communication cost to enhance the connectivity in Rural Areas

• Encourage Applied Advanced Research in Information Sciences on Agriculture Data.
More Information

• Useful Links
  – http://www.claes.sci.eg/coe_wm
  – http://fabaes.claes.sci.eg
  – http://www.vercon.sci.eg
  – http://www.radcon.sci.eg

• Speaker contact email address:
  – rafea@aucegypt.edu