Agro-Geoinformatics for Nourishing Drylands: A shift in paradigm from landscape to farmscape for ensuring food security and better livelihoods

Chandrashekhar Biradar
International Center for Agricultural Research in Dry Areas (ICARDA), Amman, Jordan

Geospatial technologies are becoming an integral part of solving the food security equation from an integrated research and development, aid better intervention and delivery programs, policy, and outreach. A recent advance in geoinformatics technology has opened new avenues for integrated agro-ecosystems research and applications. The shift in paradigm from landscape level studies to farmscape to underhand the matric of granularity within and among the smallholder farming systems in a participatory and integrated agro-ecosystem approach to improve capacity and processes which leads to cross-fertilization of diverse interests and, by package of practices, to the development of sustainable, farms level information services at a higher spatial scale from effective interventions to ex-ante analysis towards improvising food security and better livelihoods in the dry areas.

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- **GeoAgri: Leveraging 'G' potential in agriculture**
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