



# Geoinformatic Options-by-Context (GeOC) for Sustainable Land Management toward achieving Land Degradation Neutrality - *Introductory remarks*

**05 November 2019, Tunis**



# Grand expectation

- Degradation Neutrality (LDN) – i.e. land use/management has zero net degradation through minimizing land degradation and offset unavoidable degradation by restorative efforts – can be achieved through promoting Sustainable Land Management (SLM)



By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation neutral world.



# Key Gaps

- Constraints for promoting SLM practices to achieve LDN at scale
  - Diverse socio-economic and biophysical context
  - Limited resources
  - Ineffectiveness of “uniform blanket” approach for wide spread successful adoption of SLM practices



# Needs

- Framework and tools to support
  - Better data integration: how to integrate data from different disciplines, forms, and scales for uses?
  - Better targeting/prioritization: On WHAT SLM, WHERE and WHO R&D investments should take place for achieving LDN at scale with minimal cost?
  - Better out-scaling: WHERE would particular site-specific SLM lessons be most potentially applied for achieving LDN?



# Opportunities

- Increasing volume of SLM data availability via WOCAT consortium constitutes an important asset for large-scale evaluations
- New tools are initially developed, e.g. Geoinformatics Options by Context (GeOC)
- Tunisia: A strong national commitment to Land and Water Conservation (LWC)
  - ✓ a National LWC Framework,
  - ✓ two national LWC strategies established from 1990, and
  - ✓ a ministry-level unit specialized in LWC.



# Objectives of the GeOC training workshop

- Introduce key concepts and sub-tools of GeOC platform in linking to WOCAT
- Provide a short/introductory hand-on training for projects' officers
- Discuss follow-up activities and/or aspect for further tool development

Global  
Geo-informatics  
Options by Contexts



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investment decisions  
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***Thank You!***