RESEARCH PROGRAM ON Dryland Systems

CGIAR

Explication de la procédure d'évaluation participative de la sévérité de l'érosion du sol

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System-based Options by Context

GeOSC

A tool for better investment decisions in agriculture and rural development

Projet financé par la GIZ

"Evaluation de l'impact des options de GDT pour l'atteinte de la Neutralité en matière de Dégradation des Terres"

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

ICARDA

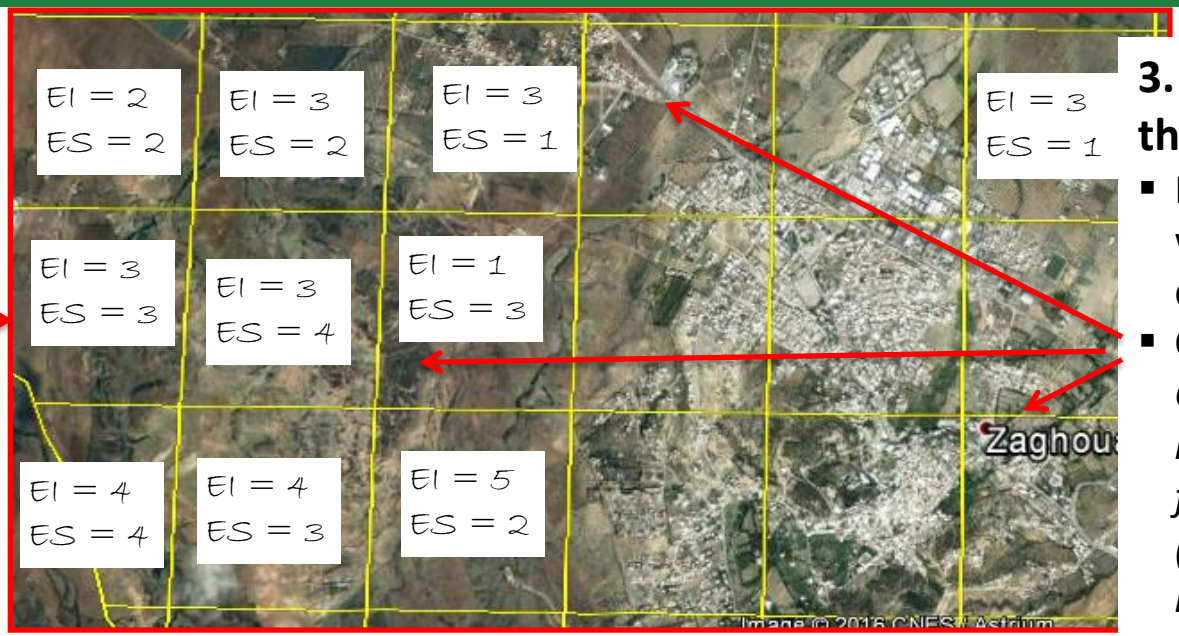
iMMAP

IRESA

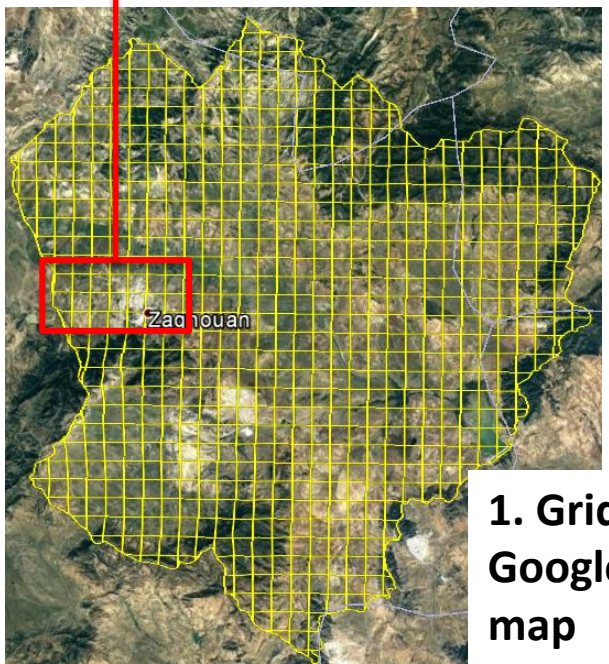
Activity overview

Activity	Purpose	Tools/data/information used to aid the activity	Group work organization
Explication de la procédure d'évaluation participative de la sévérité de l'érosion du sol	▪ Stakeholder perception on current status of soil erosion in an area of interest/ experience ▪ One of information sources for validating soil erosion model	▪ The grid-based participatory guideline ▪ Printed, and/or projected color Google Earth map with 1-km grid lines.	▪ 4 mixed groups, led by local participants (e.g. farmers) as they have experienced on soil erosion status.

Overview the work flow



2. Pick an area of interest



1. Gridded Google Earth map

3. Getting familiar with the selected map:

- Match the map's North with the real North direction
- Check with participants: *Can you recognize at least 3-5 important features on the map (e.g. town, river, road, mountain peak, etc.)?*

4. FOR EVERY GIRID of the selected map:

- **To score soil erosion intensity (EI)** (1 to 5)
  - *1- no*
  - *2- light*
  - *3- medium*
  - *4- strong,*
  - *5- very strong*
- **To score soil erosion speading (ES)** (1 to 5)
  - *1- no*
  - *2- 10 – 20% of the grid area*
  - *3- 20-40%*
  - *4- 40 – 70%,*
  - *5- > 70%*









Erosion et céréaliculture



Processus érosives







Source: IAO



Envasement des lacs collinaires



Pente

> 25%: **11 %** de la surface

15-25%: **15%** de la surface

10-15%: **15 %** de la surface

