

## WP 3.2 Step 5

# Review of data

Identify 1–3 reviewers (e.g. researchers, specialists) to

- counter-check the data
- make an assessment of data
  - comprehensiveness,
  - readability and
  - quality

Plan review process: agree on deadlines!



## Most difficult questions (WOCAT experience)

- Total area
- Technical drawing / photograph
- Incentives
- Economics: costs / benefits
- Impact (ecological, social)



## Examples:

## Participation:

- Answer: “interactive (both land users and SWC specialists)”
- WOCAT: List activities: “no activities” ...

## Costs: (maintenance)

- Answer: “Labour: 1 820 US\$/ha/yr”
- WOCAT: “Looks high, how was it calculated?”
- Answer: “Sorry, I meant 1 82 US\$/ha/yr. ....”



# Knowledge

- Q: Level of technical knowledge required for land users. Answer: high
- WOCAT: Really high?
- Answer: Yes, the people have highly education standards: high rate of literacy, University degrees and postgraduates at the country levels
- WOCAT: But the question is if this high knowledge is REQUIRED for this technology?
- Answer: Not for the technology per se, the high knowledge is required to manage so many varieties of fruits trees.



## Disadvantages: Increased labour constraints

- WOCAT: Why? Is labour not less with terraces than without?
- Answer: Labour constraints are increasing: economic development, increasing wages, labour shortages and alternative markets (migration)
- WOCAT: But here we want to know if labour constraints increased BECAUSE of the technology. Is this the case??
- Answer: Not at all. Labour only becomes more expensive, as a result of the growing market

## Inputs:

- WOCAT: Where does all that manure come from? Is it bought? Brought in?
- Answer: It is provided by the project (they buy most of it), basically chicken manure.

**Further examples:** see WP3.2 Guidelines p.11 /12



## Issues to look at:

- Insufficient use of common sense
  - Insufficient critical questioning (over-reliance on assumptions)
  - Preconceptions, biases and wishful thinking
  - Poor understanding of degradation processes and impact of conservation
  - Lack of impact assessments and monitoring
  - Lack of holistic assessment and failure to understand the context
- Language and cultural barriers



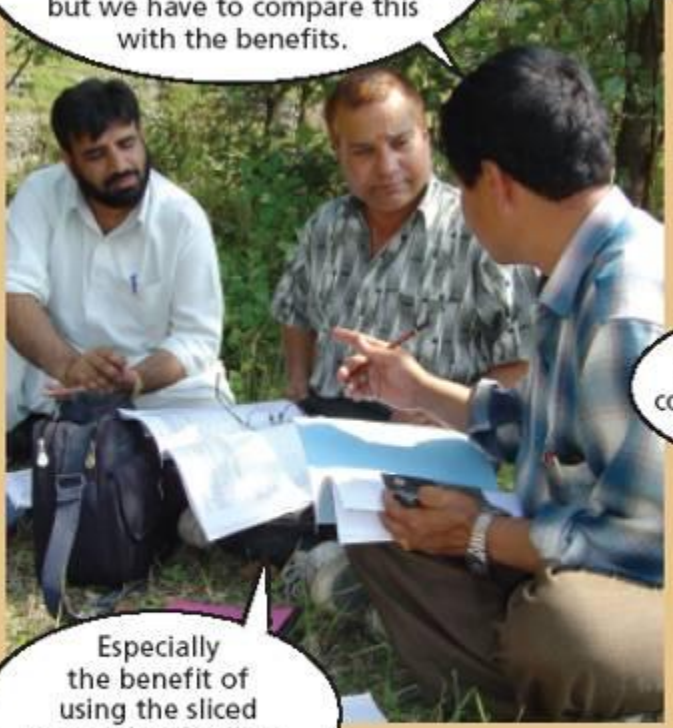
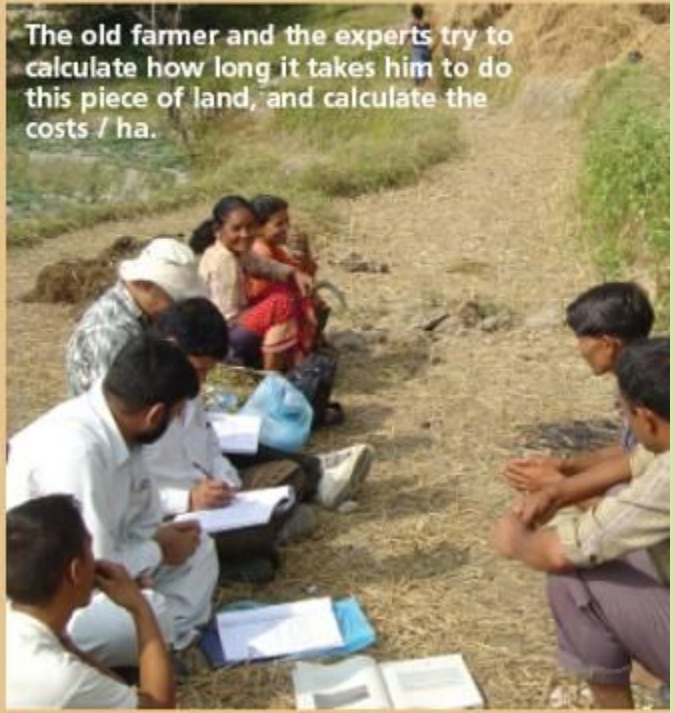
terrace collapses.



There are 125 person days, costing 352 US\$/ha. For the young people this seems to be high, that's why they search for other jobs in town, but we have to compare this with the benefits.

We should think about investing more time again, but how much would be needed?

The old farmer and the experts try to calculate how long it takes him to do this piece of land, and calculate the costs / ha.



Yes, and also because the terraces collapse if maintenance is too low.

This we don't know how to calculate. Let's investigate in finding out more about it.



Especially the benefit of using the sliced material as fertilizer replacement.





Role of Research:

Addressing  
knowledge gaps,  
contradictions  
misconcepts, ...

## Filling the knowledge gaps

- However there is no shortcut: **SWC is complex**, needs to be properly assessed and tuned to local conditions and needs investment in the compilation, evaluation and monitoring

