

Appendix 2. Social network and mapping protocol. As with the survey, this process was translated to Amharic and contextualized for the region.

For each farmer:

What plots do you own or rent? (on map or in field, record specific plots rented or owned)

Which other farmers in the local area do you maintain close relationships with? (either show on map or walk the field)

Which plots in the local area do those farmers work?

For each of those farmers, what is your main relationship? (self identified relation type)

With each farmer, do you also share membership in community organizations such as iddr, mahiber, iquub, church, water organization, or other? What?

For each of those farmers that you identified, do you also maintain any of the following relationships:

- | | |
|--|-----|
| I provide him or her with advice on agricultural issues. | [] |
| They provide me with advice on agricultural issues. | [] |
| They provide labor on my plot. | [] |
| I provide labor to their plot. | [] |
| I lease land to him or her. | [] |
| They lease land to me. | [] |
| I help them handle problems or when they are in need. | [] |
| They help me handle problems or when I am in need. | [] |
| We share resources. | [] |
| We work cooperatively/sharecropping. | [] |
| We are friends. | [] |
| We are members of the same community group. | [] |
| We pair oxen. | [] |
| Other (please identify _____) | [] |

For each farmer (1-n), do you share information about agricultural practices? What is the primary issue that you discuss?

Have you implemented soil water conservation practices? (give examples?)

Yes [] No []

If yes, what and for how long? _____