Appendix I
Interview questionnaire version I

Institute of Plant Biology
University of Wroclaw

LAND USE CHANGE IN RURAL AREAS OF ODRA RIVER VALLEY

RESEARCH CONDUCTED IN THE **CAVES** PROJECT
(Complexity: Agents, Volatility, Evidence and Scale)
Project funded by the EU 6FP Programme

INTERVIEW QUESTIONNAIRE

FOR LANDOWNERS

©Karolina Królikowska

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Interview no..... **Resp. code.....….**

Date..... ..... **R – farm acreage ha .....**

Village..... **Interv. code.....**

I. Past - changes

1. How long have you been farming here? What has been changed in your performance since you started? I am especially interested in the following moments: political transformation in 1989, big flood in 1997 and EU accession in 2004.

2. And did you notice any changes in the landscape of the nearest surrounding?

3. What has changed in people's lifestyle regarding:

3a neighbourhood relations

3b decision making on the village affairs

3c land use and farming

II. Presence - rules

II A Land use and its changes

4. Present land use

4a How do you cultivate your land?

a) arable fields

crop types:.....
.....
.....

fallow/abandoned lands:
.....

b) meadows, pastures

c) orchards and gardens

d) forests

e) other (what?)

4b Why do you cultivate your lands just in this way?

a) arable fields

crop types:.....
.....
.....

fallow/abandoned lands:
.....

b) meadows, pastures

c) orchards and gardens

d) forests

e) other (what?)

5. Land use change

5a) Do you intend to buy/sell land or consolidate parcels or have you already done it?
If yes: why?

5b) Do you intend to plow meadows or have you already done it?
If yes: why?

5c) Do you intend to aforestate land or have you already done it?
If yes: why?

5d) Do you intend to participate in agri-environmental scheme or have you already done it?
If yes: why?

6. Decision making

What are the ways people in your village make decisions related to farming?

a) Cost benefit calculation

b) Reading newspapers and watching TV programs for farmers

c) Asking for advice

If yes, whom? Advisers, neighbours, family, friends?

d) Imitating neighbors (Which ones?)

e) They just do what they always did.

f) Other methods?

7. Innovation

What would be the reaction in your village if somebody changed the way of farming for something new (e.g. ecological production, local products, agrotourism)?

II B Land Reclamation System maintenance and collective action

8. General knowledge and opinions

8a What do you think about LRS in your village? Does it work?

8b Who is responsible for detailed LRS according to your knowledge?

8c And who should be responsible?

9. Personal problems with drainage/irrigation

9a Do you personally suffer from drought and/or flooding?

9b If yes, what is the relation between losses and crop types?

9c Is there a difference in revenues from fields with LRS and without LRS? Can you estimate the difference?

9d How do you deal with problems of drought and/or flooding?

10. Personal care about LRS

10a Do you have detailed LRS on your fields? What types?

10b What do you mean by LRS maintenance by a landowner? What has to be done and when?

10c What do you need to maintain LRS properly?

a) Skills (what?)

b) Equipment (what?)

c) Time (how much?)

d) Health, strength

e) Money (how much?)

f) Help (what?)

g) Knowledge (what?)

10d Do you personally maintain LRS on your fields?

- If not:

→ why?

→ do you know whom to ask for help?

11. <u>Collective action</u>

11a Do you think Water Partnerships work properly? Why yes, why not?

11b Are you personally involved in Water Partnership? Why yes, why not?

11c What would convince you to participate in WP?

II C Social networks

12. Advise and information
How many people can you ask for advise/information on farming? Who are they?

13. Help
How many people can you ask for help on the farm? Who are they?

14. Exchange
With how many people can you exchange products (e.g. eggs, milk, potatoes) Who are they?

15. Cooperatiom

15a Do people in your village help each other or organize activities for the benefit of this village?

15b How would you estimate the activity of people from your village regarding meetings, gatherings, parties, as well as associations, unions etc?

15c Do you personally actively participate in the social life of your village?

16. Sources of information

Where do you get information on farming issues?

a) press
b) TV
c) internet
d) neighbours
e) advisers
f) local authorities
g) books
h) village chairman
i) meetings
j) trainings
k) NGOs
l) other (what?)

III. Future - scenarios

17. What would happen to your crops in case of drought and/or flood?

18. What is the possible scenario if the state of LRS remains as it is now?

19. What changes in agriculture do you expect in the next 5 years?