

APPENDIX

**Research topic:
POLITICAL ECONOMY OF AGRO-BASED TRANSFORMATION IN WEST BENGAL.**

Field of Research: Singur Block, Hooghly District

Researcher: Partha Shaw

**Research Guide: Dr. Anil Kumar Jana, Former Head and Professor, Department of Political Science, Vidyasagar University,
Emeritus Professor (UGC, New Delhi)**

The Survey is for the Owners of the Land(Living at Singur)

Gram Panchayat Name:

Village Name:

Present Owners of the land:

1 Name:

2 Parent / Husband:

3 Sex

Male	Female
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4 Marital Status

Married	Unmarried
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5 Age

18-30	30-40	40-50	50-60	<60
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6 Caste

General	SC	ST	Minority	Others
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7 Education

Primary	Secondary	H.S	Graduate or higher
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8 Head of the family

Husband	Wife	Son	Father in law
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9 Number of family members

Adult	Child
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10 Main source of income

Agriculture	Service	Business	Others
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11 Monthly Income

₹1K-3K	₹3001-₹5	₹5001-8K
₹8001-10K	₹10001-15K	₹<15,000

12 Family Structure

Small Family			Joint Family	
Single Unmarried	Widow/ Widower	Married Couple with child/s	5 to 6 member	More member

13 Members of family

Relationship with head of the family	Age	Marital Status	Sex	Education	Occupation	Income

14 How many members of your family do government / non-government jobs?

15 How many family members do depend on you?

16 Have you got any help from anybody after land acquisition?

Yes	No
-----	----

17 If yes, from where?

Govt.	NGO	Political Party	Others
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18 What is the source of irrigation for cultivation?

River/ Canal	Underground	water	Others	
--------------	-------------	-------	--------	--

19 Do you have personal irrigation systems?

Yes	No	
-----	----	--

20 If yes, Give details.

Electric	Diesel	Others	
----------	--------	--------	--

21 Do you get any support from any organization for cultivation?

Yes	No	
-----	----	--

22 If yes, Give details.

Govt. Bank	Coopentive	Agricultural Dept.	Others	
------------	------------	--------------------	--------	--

23 Is most people involved in farming ?

Yes	No	
-----	----	--

24 Do you hire labourers from other places outside the village?

Yes	No	
-----	----	--

25 Is there enough daily labourers available in your area?

Yes	No	
-----	----	--

26 Is you land given for "Bhag-chas" ?

Yes	No	
-----	----	--

27 Total landowned by your family (bigha):

Description	within project area	Outside project area
cultivated personally		
Bhag-chas		

28 Basis of Bhag-chas, if contracted:

Written Contract	Oral Contract	
------------------	---------------	--

29 How many crops are produced in the year?

One	Two	More than two	
-----	-----	---------------	--

30 Do production of crops meet your entire year's economic needs ?

Yes	No	
-----	----	--

31 How can you meet the deficit of budget ?

Govt. service of family member	
Business by family member	
Private-sector service by family member	
Business investment	

32 Is there any surplus from your land after family expenditure?

Yes	No	A bit	
-----	----	-------	--

33 Where do you invest your surplus?

A. Savings in banks and post offices
B. Buy new farmland
D Investment in Small Industries

34 Do your family members work as farm- labourer in your land?

Yes	No	
-----	----	--

35 Do you hire daily wage labourer if required?

Yes	No	
-----	----	--

36 After acquisition, does your family expenditure fulfilled from your land?

Yes	No	
-----	----	--

37 If not, What are the other alternatives you find?

A. Find out work outside the area
B. Job search outside the state
C. Business through loans

38 Was force applied in acquiring your land?

Yes	No	A bit	
-----	----	-------	--

39 If yes, How?

Direct	Indirect	
--------	----------	--

40	By whom force was applied?	Political party	Panchayat	Farmers' organisation	Police
41	Did you involved in anti-landacquisition movement?	Yes	No	A bit	
42	If yes, How?	Direct	Indirect		
43	Do you think, local economy would change radically after industrialization of Singur?	Yes	No	somewhat	
44	Would local people of Singur get the benefit of economic change?	Yes	No	somewhat	
45	Do you think the previous government had taken this acquisition policy to satisfy the interests of a particular group?	Yes	No	somewhat	
46	Prior to the acquisition, was there any discussion in the Gram Sansad/ Panchayat ?	Yes	No	somewhat	
47	Did the then government / political parties/ peasantry inform you about the benefits of acquisition of land?	Yes	No	somewhat	
48	Are you happy getting your land back?	Yes	No		
49	Can the land be cultivated in the current state?	Yes	No		
50	Do you think that this land can be cultivated with government efforts?	Yes	No		
51	In this case, any initiative has been taken from the government administration?	Yes	No		
52	Are you hopeful about this initiative?	Yes	No	somewhat	
53	How can you handle the damage that has been done for the acquired land?	A. Make farming in government efforts B. Make cultivation in your own initiative C. It cannot be handled in any way			
54	At this condition are you hopeful of re-industrialisation of your area?	Yes	No	somewhat	
55	If you are optimistic how can this initiative be successful?	A. Government initiative B. Private enterprise C. Public-private joint venture D. In the initiative of a consortium formed by the people of the government effort area			

Thank You

Questionnaire B :The Survey for the Owners of the Land (Living

Gram Panchayat Name:

Village Name:

1 Name:

2 Parent / Husband:

3 Sex

Male	Female
------	--------

4 Marital Status

Married	Unmarried
---------	-----------

5 Age

18-30	30-40	40-50	50-60		<60
-------	-------	-------	-------	--	-----

6 Caste

General	SC	ST	Minority	Others	
---------	----	----	----------	--------	--

7 Education

Primary	Secondary	H.S	Graduate or higher		
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8 Head of the family

Husband	Wife	Son	Father in law		
---------	------	-----	---------------	--	--

9 Number of family members

Adult	Child
-------	-------

10 Distance between Singur and your dwelling place:

11 Main source of income

Service	Business	Others	
---------	----------	--------	--

12 Monthly Income

₹1K - ₹3K	₹3001-₹5K	₹5001-₹8K	
₹8001-10K	₹10001-15K	<₹15,001	

13 Family Structure

Small Family			Joint Family	
Single Unmarried	Widow/ Widower	Married Couple with	5 to 6 member	More member

14 Members of family

Relationship with head of the family	Age	Marital Status	Sex	Education	Occupation	Income

15 What is your present occupation?

Service/Permanent Job	Industry	Business	Others
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- 16 How many times do you visit Singur in a year?

Once	Twice	More	Irregular
------	-------	------	-----------
- 17 Where do you cast your vote?

Singur	Other place
--------	-------------
- 18 How many family members do depend on you?

1 - 2	2 - 4	Every one	None
-------	-------	-----------	------
- 19 Is your land given for 'Bhag-chas'?

Yes	No
-----	----
- 20 Basis of *Bhag-chas*, if contracted:

Written Contract	Oral Contract
------------------	---------------
- 21 Have you received compensation for land acquisition?

Yes	No
-----	----
- 22 Has the *Bhag-chasi* of your land received any compensation?

Yes	No
-----	----
- 23 Were you initially agreed for compensation?

Yes	No
-----	----
- 24 Total land owned by your family (bigha):

Description	Within project	Outside project
cultivated personally		
<i>Bhag-chas</i>		
- 25 Had you received your proportion from Bhag-chasi regularly?

Yes	No	Some portion
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- 26 How did the *bhag-chasi* pay you your proportion?

a. By proportion of crop produced	
b. By cash money.	
c. By any other kind.	
d. Nothing was paid.	
- 27 Do you invest money for agriculture in your owned land?

Yes	No	Some portion
-----	----	--------------
- 28 Was force applied in acquiring your land?

Yes	No	A bit
-----	----	-------
- 29 If yes, How?

Direct	Indirect
--------	----------
- 30 By whom force was applied?

Political party	Panchayat	Farmers' organisation	Police
-----------------	-----------	-----------------------	--------
- 31 Did you involved in anti-land acquisition movement?

Yes	No	A bit
-----	----	-------
- 32 If yes, How?

Direct	Indirect
--------	----------
- 33 Do you think, local economy would change radically after industrialization of Singur?

Yes	No	somewhat
-----	----	----------
- 34 Would local people of Singur get the benefit of economic change?

Yes	No	somewhat
-----	----	----------
- 35 Do you think the previous government had taken this acquisition policy to satisfy the interests of a particular group?

Yes	No	somewhat
-----	----	----------

- 36 Prior to the acquisition, was there any discussion in the *Gram Sansad* / panchayat?

Yes		No		somewhat	
-----	--	----	--	----------	--
- 37 Did the then government / political parties / peasantry inform you about the benefits of acquisition of land?

Yes		No		somewhat	
-----	--	----	--	----------	--
- 38 Are you happy getting your land back?

Yes		No		
-----	--	----	--	--
- 39 Can the land be cultivated in the current state?

Yes		No		
-----	--	----	--	--
- 40 Do you think that this land can be cultivated with government efforts?

Yes		No		
-----	--	----	--	--
- 41 In this case, any initiative has been taken from the government administration?

Yes		No		
-----	--	----	--	--
- 42 Are you hopeful about this initiative?

Yes		No		somewhat	
-----	--	----	--	----------	--
- 43 How can you handle the damage that has been done for the acquired land?

A. Make farming in government efforts
B. Make cultivation in your own initiative
C. It cannot be handled in any way
- 44 At this condition are you hopeful of re-industrialisation of your area?

Yes		No		somewhat	
-----	--	----	--	----------	--
- 45 If you are optimistic how can this initiative be successful?

A. Government initiative
B. Private enterprise
C. Public-private joint venture
D. In the initiative of a consortium formed by the people of the government effort area

Thank You

Questionnaire C : The Survey is for Registered Share-cropper (Related to Small Owner)

Gram Panchayat Name:

Village Name:

1 Name:

2 Parent / Husband:

3 Sex

Male	Female	
------	--------	--

4 Marital Status

Married	Unmarried	
---------	-----------	--

5 Age

18-30	30-40	40-50	50-60	<60	
-------	-------	-------	-------	-----	--

6 Caste

General	SC	ST	Minority	Others	
---------	----	----	----------	--------	--

7 Education

Primary	Secondary	H.S	Graduate or higher	
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8 Head of the family

Husband	Wife	Son	Father in law	
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9 Number of family members

Adult	Child	
-------	-------	--

10 Status of family as per income:

APL	BPL	Antyodaya	Annapurna yojana	Khadya suraksha
-----	-----	-----------	------------------	-----------------

11 Main source of income

Daily labourer	Agriculture	Service	Business	Other
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12 Monthly Income

₹1K-₹3K	₹3001-₹5K	₹5001-₹8K
₹8001-10K	10001-15K	<₹15001

13 Family Structure

Small Family			Joint Family	
Single Unmarried	Widow/ Widower	Married Couple with child/s	5 to 6 member	More member

14 Members of family

Relationship with head of the family	Age	Marital Status	Sex	Education	Occupation	Income

15 How many members of your family do earn?

1 - 2	2 - 4	Everybody	None
-------	-------	-----------	------

16 How many family members do depend on you?

1 - 2	2 - 4	Every one	None
-------	-------	-----------	------

17 Have you received compensation for land acquisition?

Yes	No	
-----	----	--

18 Do you get help for farming from any organisation?

Nationalised Bank	Cooperative	Agriculture Dept.	Other	
-------------------	-------------	-------------------	-------	--

19 Do you engaged in any other work in your free time?

Yes	No	
-----	----	--

20 Total area of land including registered sharecropper land?

Bigha

21 Total land owned by your family (bigha):

Description	within project area	Out side project area
cultivated personally		
Bhag-chas		

22 What is your source of investment in agriculture?

Own money	Bank loan	Private loan	Other	
-----------	-----------	--------------	-------	--

23 How do you pay the proportion of production to landowner?

Part of crop	Cash	Other	
--------------	------	-------	--

24 Were your landowner satisfied about it?

Yes	No	
-----	----	--

25 Do you receive adequate support from land owner?

Yes	No	
-----	----	--

26 If yes what type of support:

Mental	Financial	Other	
--------	-----------	-------	--

27 Where do your land owner live?

this village	Other village	in town	
--------------	---------------	---------	--

28 Do your financial needs fulfilled from the income from land?

Yes	No	A bit	
-----	----	-------	--

29 How do you replenish the deficit?

A. from salary of govt. service of family member	
B. from small scale business	
C. income from private sector by family member	
C. farming at others land	

Is there any surplus from your land after family expenditure?

Yes	No	A bit	
-----	----	-------	--

31 Where do you invest your surplus?

A. Savings in banks and post offices	
B. Buy new farmland	
C. Business investment	
D. Investment in Small Industries	
E. Invest in agriculture	

After acquisition, does your family expenditure fulfilled from your land?

Yes	No	
-----	----	--

If not, What are the other alternatives you find?

A. Find out work outside the area	
B. Job search outside the state	
C. Business through loans	
D. Daily labourer at others land	

34 Was force applied in acquiring your land?

Yes	No	A bit	
-----	----	-------	--

35 If yes, How?

Direct	Indirect	
--------	----------	--

36	By whom force was applied?	Political party		Panchayet		Farmers' organisation		Police																									
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D. In the initiative of a consortium formed by the people of the government effort area																																	

Thank You

Questionnaire D : The Survey is for Unregistered Share-cropper (Related to Agricultural Labourer)

Gram Panchayat Name:

Village Name:

1 Name:

2 Parent / Husband:

3 Sex

Male		Female	
------	--	--------	--

4 Marital Status

Married		Unmarried	
---------	--	-----------	--

5 Age

18-30		30-40		40-50		50-60		<60	
-------	--	-------	--	-------	--	-------	--	-----	--

6 Caste

General		SC		ST		Minority		Others	
---------	--	----	--	----	--	----------	--	--------	--

7 Education

Primary		Secondary		H.S		Graduate or higher	
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8 Head of the family

Husband		Wife		Son		Father in law	
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9 Number of family members

Adult		Child	
-------	--	-------	--

10 Status of family as per income:

APL		BPL		Antyodaya		Annapurna yojana		Khadya suraksha	
-----	--	-----	--	-----------	--	------------------	--	-----------------	--

11 Main source of income

Daily labourer		Agriculture		Service		Business		Other	
----------------	--	-------------	--	---------	--	----------	--	-------	--

12 Monthly income

₹1K-₹3K		₹3001-₹5K		₹5001K-₹8K	
₹8001-₹10K		₹10001-₹15k		<₹15001	

13 Family Structure

Small Family			Joint Family	
Single Unmarried	Widow/ Widower	Married Couple with child/s	5 to 6 member	More member

14 Members of family

Relationship with head of the family	Age	Marital Status	Sex	Education	Occupation	Income

15 How many members of your family do earn?

1 - 2		2 - 4		Everybody		None	
-------	--	-------	--	-----------	--	------	--

16 How many family members do depend on you?

1 - 2		2 - 4		Every one		None	
-------	--	-------	--	-----------	--	------	--

17. Have you received compensation for land acquisition?

Yes	No
-----	----
18. Do you get help for farming from any organisation?

Nationalised Bank	Cooperative	Agriculture Dept.	Other
-------------------	-------------	-------------------	-------
19. Do you engaged in any other work in your free time?

Yes	No
-----	----
20. Total area of land including registered sharecropper land?

Bigha

21. Total land owned by your family including Un-registered contracted land cultivated as sharecropper (bigha):

Description	within project area	Outside project area
Land owned by family		
Land using as sharecropper		
22. How do you pay the land owner?

Crop sharing		Monetary payment	Others
--------------	--	------------------	--------
23. Were the land owner satisfied?

Yes	No
-----	----
24. What is your source of investment in agriculture?

Own money	Bank loan	Private loan	Other
-----------	-----------	--------------	-------
25. How do you pay the proportion of production to landowner?

Part of crop	Cash	Other
--------------	------	-------
26. Were your landowner satisfied about it?

Yes	No
-----	----
27. Do you receive adequate support from land owner?

Yes	No
-----	----
28. If yes what type of support:

Mental	Financial	Other
--------	-----------	-------
29. Where do your land owner live?

This village	Other village	in town
--------------	---------------	---------
30. Do your financial needs fulfilled from the income from land?

Yes	No	A bit
-----	----	-------
31. How do you replenish the deficit?

A. from salary of govt. service of family member	
B. from small scale business	
C. income from private sector by family member	
C. farming at others land	
32. Is there any surplus from your land after family expenditure?

Yes	No	A bit
-----	----	-------
33. Where do you invest your surplus?

A. Savings in banks and post offices	
B. Buy new farmland	
C. Business investment	
D. Investment in Small Industries	
E. Invest in agriculture	
34. After acquisition, does your family expenditure fulfilled from your land?

Yes	No
-----	----
35. If not, What are the other alternatives you find?

A. Find out work outside the area	
B. Job search outside the state	
C. Business through loans	
D. Daily labourer at others land	

36. Was force applied in acquiring your land?

Yes		No		A bit	
-----	--	----	--	-------	--

37. If yes, How?

Direct		Indirect	
--------	--	----------	--

38. By whom force was applied?

Political party		Panchayat		Farmers' organisation		Police	
-----------------	--	-----------	--	-----------------------	--	--------	--

39. Did you involved in anti-land acquisition movement?

Yes		No		A bit	
-----	--	----	--	-------	--

40. If yes, How?

Direct		Indirect	
--------	--	----------	--

41. Do you think, local economy would change radically after industrialization of Singur?

Yes		No		somewhat	
-----	--	----	--	----------	--

42. Would local people of Singur get the benefit of economic change?

Yes		No		somewhat	
-----	--	----	--	----------	--

43. Do you think the previous government had taken this acquisition policy to satisfy the interests of a particular group?

Yes		No		somewhat	
-----	--	----	--	----------	--

44. Prior to the acquisition, was there any discussion in the *Gram Sansad* / Panchayat?

Yes		No		somewhat	
-----	--	----	--	----------	--

45. Did the then government / political parties / peasantry inform you about the benefits of acquisition of land?

Yes		No		somewhat	
-----	--	----	--	----------	--

46. Are you happy getting your land back?

Yes		No	
-----	--	----	--

47. Can the land be cultivated in the current state?

Yes		No	
-----	--	----	--

48. Do you think that this land can be cultivated with government efforts?

Yes		No	
-----	--	----	--

49. In this case, any initiative has been taken from the government administration?

Yes		No	
-----	--	----	--

50. Are you hopeful about this initiative?

Yes		No		somewhat	
-----	--	----	--	----------	--

51. How can you handle the damage that has been done for the acquired land?

A. Make farming in government efforts
B. Make cultivation in your own initiative
C. It cannot be handled in any way

52. At this condition are you hopeful of re-industrialisation of your area?

Yes		No		somewhat	
-----	--	----	--	----------	--

53. If you are optimistic how can this initiative be successful?

A. Government initiative
B. Private enterprise
C. Public-private joint venture
D. In the initiative of a consortium formed by the people of the government effort area

Appendix 2 : Pictures Taken During Field Survey(2016-2018)



Abandoned structure in Main Workshop inside Tata Small Car Factory, Singur



Cultivation inside Tata Small Car Factory along with Workshop at Singur



Abandoned Main Workshop of with lonely Pathways



Abandoned Main Workshop together with Picture of oncoming Small Cars (Tata Nano) at Singur



Collections of Information/Data from the local people of the surrounding villages of Car Factory (Villages: Beraberi, Gopalnagar, Bajemelia and Khaserbheri)



Nemai Chandra Das, an originally unwilling cultivator who did not received cheque from the Government but accepted Later.



A Poster Demanding compensation for the Agricultural Laboures, Registered and Unregistered Bargaders in Beraberi Village in Singur



Government Notice in front of the abandoned Tata Small Car Factory at Singur