

ARBORICULTURE & URBAN FORESTRY *supplemental content (Johnson et al. 2018)*

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Supplemental Content:

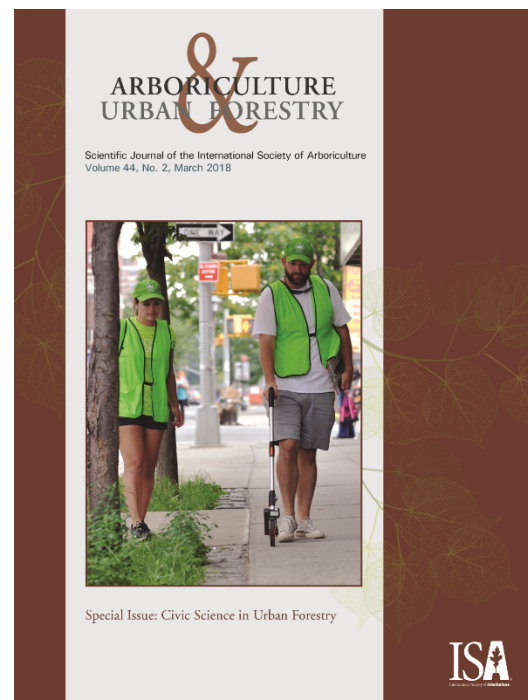
- assessment documentation; Tree Census Volunteer Assessment (14 pages)
- interview outline; Drivers, Outcomes, and Impacts of Volunteer Tree Monitoring Interview Protocol (3 pages).

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Hi Voluntreer!

Thank you for taking a few minutes out of your day to help us improve our volunteer efforts!

This assessment is confidential and should take no more than ten minutes. We encourage you to answer as many questions as you can so that we can do more to improve our volunteer programs. Participation is voluntary and you may decline to answer any question for any reason.

This assessment is being conducted by NYC Parks.

1. How did you first hear about Trees Count! 2015? (please choose all that apply)

- A. Radio
- B. TV
- C. Newspaper
- D. Flyers or Posters
- E. Newsletter of an organization/group (please name below)
- F. Family/ Friends
- G. School/ Work
- H. People from an organization/group (please name below)
- I. Web Site (please name below)
- J. E-mail/ Mailing list (please name below)
- K. Social media (e.g. Facebook, Twitter)
- L. Subway/Bus ads
- M. Other (please name below)
- N. Don't remember

If you selected Newsletter, Organization or Group, web site, email or mailing list, or other, please name it in the box below.

2. If you checked more than one answer for Question 1, which was the ONE most important channel through which you heard about this event? (please choose one)

- A. Radio
- B. TV
- C. Newspaper
- D. Flyers or Posters
- E. Newsletter of an organization/group
- F. Family/ Friends
- G. School/ Work
- H. People from an organization/group
- I. Web Site
- J. E-mail/ Mailing list
- K. Social media (e.g. Facebook, Twitter)
- L. Other

3. With whom did you come to this TreesCount! event? (please choose all that apply)

- A. Alone
- B. Partner
- C. Family
- D. Friends/Neighbors
- E. Colleagues/Co-Students
- F. With Members of Organization

If you answered "with members of an organization" please name the organization in the box below.

4. Have you participated in any of the following? (please choose all that apply)

- 1995 Tree Census
- 2005 Tree Census
- MillionTreesNYC tree planting event
- MillionTreesNYC stewardship event
- MillionTreesNYC Care Captain workshop
- Natural Areas Volunteers event
- It's My Park! Day
- Other NYC Parks volunteer event
- This was the first time I have volunteered with NYC Parks

5. Are you a member of any environmental groups?

Group Name

How long you have been a member of the group?

Group Name

How long you have been a member of the group?

Group Name

How long you have been a member of the group?

If you are not a member of any environmental groups, please leave this section blank.

6. Are you a member of more groups that you would like to list?

- Yes
- No

[REPEAT UNTIL RESPONDENT SAYS NO]

7. Are any of the following a member of any of the environmental organizations that you listed in the last question? (please choose all that apply)

- Your partner/ husband/ wife
- A family member
- A friend
- An acquaintance
- A colleague or co-student
- N/A

8. If you attended a TreesCount! Training Event with a Census Partner Group, were you affiliated with that group prior to the TreesCount! Event?

- Yes
- No

9. Do you ever take care of trees? (please choose all that apply)

- NO
- YES, Street Trees
- YES, Personal Yard
- YES, in a Park

If you selected "In a Park" please name the park.

10. Why did you decide to participate in TreesCount! 2015?

Please indicate your agreement or disagreement with the following statements:

11. I volunteered with Trees Count! 2015 to help the environment.

strongly disagree disagree no strong feeling agree strongly agree

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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12. I volunteered with Trees Count! 2015 to meet people and/or be social.

strongly disagree disagree no strong feeling agree strongly agree

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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13. While you were mapping trees, what reaction did most people you met have to the census? (please choose one)

- Curiosity
- Positive reaction
- Negative reaction
- No reaction

14. How would you describe your overall experience with Trees Count 2015! so far?

extremely unpleasant or negative unpleasant or negative both good and bad good excellent

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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15. Based on this experience, would you do any of the following? (please choose one response per line)

	Definitely not	Probably not	Possibly	Probably	Definitely
Continue mapping trees for Trees Count 2015!	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attend a street tree care event	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attend a parks volunteer event	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recommend participating in Trees Count 2015! To a friend	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

16. Do you live and/or work in the neighborhood where you are mapping trees?

- Yes
- No

[If NO, SKIP QUESTIONS 17-20]

17. Since participating in the tree census, have you noticed any of the following PERSONAL changes that you think are a result of your participation in the tree census? (please choose one response per line)

	Yes, I have noticed this change	No, I have not noticed this change
I am better at communicating with my neighbors	<input type="checkbox"/>	<input type="checkbox"/>
I know more about how to care for trees.	<input type="checkbox"/>	<input type="checkbox"/>
I get along with my neighbors better.	<input type="checkbox"/>	<input type="checkbox"/>
I know more of my neighbors	<input type="checkbox"/>	<input type="checkbox"/>
I trust my neighbors more.	<input type="checkbox"/>	<input type="checkbox"/>
I am more physically active outdoors	<input type="checkbox"/>	<input type="checkbox"/>
I feel more like a part of my neighborhood.	<input type="checkbox"/>	<input type="checkbox"/>
I am more aware of how the neighborhood looks.	<input type="checkbox"/>	<input type="checkbox"/>
I am more willing to participate in neighborhood activities.	<input type="checkbox"/>	<input type="checkbox"/>
I am less willing to participate in neighborhood activities.	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify) <input type="text"/>		

18. Please select the item that you think has changed the most

- I am better at communicating with my neighbors
- I know more about how to care for trees
- I get along with my neighbors better
- I know more of my neighbors
- I trust my neighbors more
- I am more physically active outdoors
- I feel more like a part of my neighborhood
- I am more aware of how the neighborhood looks
- I am more willing to participate in neighborhood activities
- I am less willing to participate in neighborhood activities
- I don't know/None of the above

Other (please specify)

19. Since participating in the tree census, have you noticed any of the following NEIGHBORHOOD changes that you think are a result of the tree census? (please choose one response per line)

	Yes, I have noticed this change	No, I have not noticed this change
People spend more time outside.	<input type="checkbox"/>	<input type="checkbox"/>
People help each other more.	<input type="checkbox"/>	<input type="checkbox"/>
The neighborhood looks better/ is more beautiful.	<input type="checkbox"/>	<input type="checkbox"/>
People know their neighbors more.	<input type="checkbox"/>	<input type="checkbox"/>
People have worked together on another neighborhood activity.	<input type="checkbox"/>	<input type="checkbox"/>
People spend more time being physically active outdoors.	<input type="checkbox"/>	<input type="checkbox"/>
People trust each other more.	<input type="checkbox"/>	<input type="checkbox"/>
People talk to each other more.	<input type="checkbox"/>	<input type="checkbox"/>
People take better care of their yards.	<input type="checkbox"/>	<input type="checkbox"/>
People are more willing to participate in neighborhood activities.	<input type="checkbox"/>	<input type="checkbox"/>
People are less willing to participate in neighborhood activities.	<input type="checkbox"/>	<input type="checkbox"/>
People argue with their neighbors more.	<input type="checkbox"/>	<input type="checkbox"/>
The neighborhood feels safer.	<input type="checkbox"/>	<input type="checkbox"/>
The neighborhood feels less safe.	<input type="checkbox"/>	<input type="checkbox"/>
The neighborhood organization is more active.	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify) <input type="text"/>		

20. Please select the item that you think has changed the most

- People spend more time outside
- People help each other more
- The neighborhood looks better/ is more beautiful
- People know their neighbors more
- People have worked together on another neighborhood activity
- People spend more time being physically active outdoors
- People trust each other more
- People talk to each other more
- People take better care of their yards
- People are more willing to participate in neighborhood activities
- People are less willing to participate in neighborhood activities
- People argue with their neighbors more
- The neighborhood feels safer
- The neighborhood feels less safe
- The neighborhood organization is more active
- I don't know/None of the above

Other (please specify)

21. How much influence do you think someone like you can have over the following? (please choose one response per line)

	A lot of influence	Some influence	Very little influence	No influence
National government decisions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local government decisions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The global environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The environment in your neighborhood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

22. In the past year have you ever (please choose all that apply)

- Contacted an elected government representative
- Contacted an organization or association
- Written a letter to a newspaper
- Written an article for a magazine or newspaper
- Contacted the national or local media in another way
- Used the Internet for these contacts
- Signed a petition
- Attended a public, town, community board, or school meeting
- Worked for a political party
- Given a speech
- Voted in an election
- Held or ran for public office
- Engaged in political discussion on the Internet
- Collected money or signatures
- Wore a button, or distributed or put up a flyer/sticker/poster of a political campaign
- Chosen not to participate in an election as a form of protest
- Participated in a strike
- Participated in direct action
- Participated in a protest

23. Below are political views that people might hold, arranged from extreme Liberal/Left to extreme Conservative/Right. Where would you place yourself on this scale? (please choose one)

- Extremely Liberal/ Left
- Liberal
- Slightly Liberal
- Moderate, middle of the road
- Slightly Conservative
- Conservative
- Extremely Conservative/Right
- Don't know

This is the last page!

24. Select your gender

- MALE
- FEMALE
- OTHER

25. What is your age (as of your last birthday)?

26. What is your race?

- African-American / Black
- Asian-American
- Latino / Hispanic
- Caucasian / White
- Native-American

Other (please specify)

27. In what sector are you employed (please choose one):

- Government or Public Sector
- Private sector
- NGO or non-profit
- Self-employed
- Student
- Retired
- Other

28. What is the highest level of education you have completed? (please choose one)

- Some High School
- High School
- Some University

- University
- Graduate or Professional School

29. What is your approximate annual household income? (please choose one)

- \$0-\$4,999
- \$5,000-\$9,999
- \$10,000-\$14,999
- \$15,000-\$19,999
- \$20,000-\$29,999
- \$30,000-\$39,999
- \$40,000-\$49,999
- \$50,000-\$69,999
- \$70,000-\$89,999
- \$90,000-\$119,999
- \$120,000 and over
- Prefer not to answer

30. Please specify your home ZIP code

31. About how many years have you lived in your current neighborhood?

32. About how many years have you lived in the New York City area?

33. Are you willing to participate in a follow up interview? (if you click yes, we will ask for your name, email and phone number on the next page)

- Yes
- No

We are excited to talk with you more!

Please provide the best way for us to reach you. Your assessment responses will remain confidential. We will only use this information to reach you again if we have follow-up questions. Thank you!

34. Please provide your contact information

Name

Email

Please re-enter your email

Phone

Drivers, Outcomes, and Impacts of Volunteer Tree Monitoring Interview Protocol

We have a few questions about how you came to participate in TreesCount!2015:

1. How did you first hear about TreesCount!2015?
2. Why did you want to participate in TreesCount!2015?
3. Where did you go to map trees and how did you decide on where to go?
4. Did you sign up to map trees with a particular stewardship group? If so, who?
5. How many events did you attend? (If more than one, were they all with the same stewardship group?)

We are interested in what your experiences were like with TreesCount!2015:

6. Describe how you learned to map and identify trees for TreesCount and collect data on other tree conditions. What stands out in your memory of the process?
7. Describe anything else you recall learning—and how you learned it—during the actual experience of mapping.

Possible Probes:

- + Walk me through that learning process, step-by-step.
- + Describe the point at which you become confident in your knowledge.

8. Name and describe two or three things you would have wanted to learn more about or understand more clearly throughout your work with TreesCount.
9. Describe your experience working with others to map trees. Recall whether you mapped on your own, with someone you already knew, or with someone you met via TreesCount.

Possible Probes:

- + Name any surprises that occurred while working with others to map trees.

Finally, we'd like to know a bit more about your civic and environmental engagement:

10. Did your involvement in the TreesCount2015 inspire you in any way to become more involved in your community? In the environment? If so, please share.

11. Since your participation in TreesCount2015, have you done any of the following activities (say yes or no):

- Contacted an elected government representative
- Contacted an organization or association
- Written a letter to a newspaper
- Written an article for a magazine or newspaper
- Contacted the national or local media in another way
- Used the Internet for these contacts
- Signed a petition
- Attended a public, town, community board, or school meeting
- Worked for a political party
- Given a speech
- Voted in an election
- Held or ran for public office
- Engaged in political discussion on the Internet
- Collected money or signatures
- Wore a button, or distributed or put up a flyer/sticker/poster of a political campaign
- Chosen not to participate in an election as a form of protest
- Participated in a strike
- Participated in direct action
- Participated in a protest

12. Since your participation in TreesCount2015, have you done any of the following activities (say yes or no):

- Taken care of trees in a private yard.
- Taken care of street trees
- Taken care of park trees Taken care of trees in a park or playground
- Participated in a NYC Parks Stewardship tree planting event
- Participated in a NYC Parks Stewardship street tree care stewardship event
- Participated in a NYC Parks Stewardship forest restoration stewardship event
- Participated in a NYC Parks Stewardship wetland restoration stewardship event
- Participated in an It's My Park! event
- Other NYC Parks volunteer event
- Attended a Super Stewards training or introductory event
- Coordinated an event for the public to care for street trees
- Participated in another citizen science activity, please name it: _____

13. Anything else you'd like to share about your experience with TreesCount2015!?

FOR THOSE MISSING EDUCATIONAL INFORMATION:

14. What is the highest level of education you have completed? (please choose one)

- Some High School
- High School
- Some University
- University
- Graduate or Professional School