Georeferencing for Research Use Survey - Day 1 and Informed Consent

To help us adjust our instruction during this workshop and improve future ones, we are asking for your feedback. At the end of each day, we will be emailing you a link to a brief survey asking you to comment on what you found most and least valuable about the topics covered that day. On Day 4, the survey will include demographic questions; providing this information is voluntary but requested by the National Science Foundation as part of our effort to track and increase diversity among project participants. The Day 4 survey will also include questions about your overall workshop experience. The Day 1 - 3 surveys each take about 5 - 10 minutes. The final survey should take 15 - 20 minutes. We ask that you complete each survey at the end of each day, but by October 17, 2016 at the latest.

To better understand your reaction to each days’ content, we would like to link your survey responses to the information you shared on your workshop application regarding your interest in participating, prior knowledge of georeferencing, and relevant projects. This information is currently stored on a password protected server at the Florida Museum of Natural History. Upon completion of all the surveys, the information from your application and your survey responses will be combined in a data file with your name replaced by an ID code. There is a minimal risk that security of any online data may be breached, but our survey host (Qualtrics) uses strong encryption and other data security methods to protect your information. Only the researchers will have access to your information on their server. Your responses will remain anonymous. Your name will not be connected with your responses.

By agreeing to participate, you are giving consent for the researchers to use your responses in project reports and publications. Your participation is voluntary. There are no direct benefits or risks to you for participating, and no compensation. You may quit at any time or skip any item. You may withdraw your consent to participate at any time without penalty.

If you have any questions about this survey, contact Shari Ellis, Florida Museum of Natural History, 352-273-2066. If you want more information about your rights as a research participant, contact the UF IRB office, 352-392-0433, irb2@ufl.edu. By checking the box below, I acknowledge that I have read the information and agree to participate in the workshop surveys.

☐ I agree
Do you consent to the researchers linking the information you shared in your application with your survey response data?

- [ ] Yes
- [ ] No
Did you view the recommended videos before the workshop?

- Yes
- Some
- No

Display This Question:
If Did you view the recommended videos before the workshop? = Yes
Or Did you view the recommended videos before the workshop? = Some

How helpful did you find the videos in preparing you for Day 1 of the workshop?

- Not at all helpful
- Not helpful
- Neither helpful nor unhelpful
- Helpful
- Very helpful

How did you find today's content in terms of your prior knowledge?

- It was mostly review of what I already knew.
- There was some new information.
- Most of the information was new to me.
Which of the topics covered on Day 1 did you find the most and least valuable? Please drag the topics to the appropriate box. You do not need to rate every topic.

<table>
<thead>
<tr>
<th>Most Valuable</th>
<th>Least Valuable</th>
</tr>
</thead>
<tbody>
<tr>
<td>______ Standards, Terms &amp; Fields</td>
<td>______ Standards, Terms &amp; Fields</td>
</tr>
<tr>
<td>______ Locality Types</td>
<td>______ Locality Types</td>
</tr>
<tr>
<td>______ Georeferencing Calculator</td>
<td>______ Georeferencing Calculator</td>
</tr>
<tr>
<td>______ Internet Resources</td>
<td>______ Internet Resources</td>
</tr>
<tr>
<td>______ GEOLocate Introduction</td>
<td>______ GEOLocate Introduction</td>
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</tbody>
</table>

Please explain why you found the topics you selected most valuable.

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Please explain your selection of "least valuable " topics.

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If you have any questions or comments, please share below.
Georeferencing for Research Use Day 2

How did you find today’s content in terms of your prior knowledge?

- It was mostly review of what I already knew.
- There was some new information.
- Most of the information was new to me.

Which of the topics covered on Day 2 did you find the most and least valuable? Please drag the topics to the appropriate box. You do not need to rate every topic.

<table>
<thead>
<tr>
<th>Most Valuable</th>
<th>Least Valuable</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOLocate: Advanced Features</td>
<td>GEOLocate: Advanced Features</td>
</tr>
<tr>
<td>Polygons!</td>
<td>Polygons!</td>
</tr>
<tr>
<td>GPS Units and Apps</td>
<td>GPS Units and Apps</td>
</tr>
<tr>
<td>Good and Bad Localities</td>
<td>Good and Bad Localities</td>
</tr>
<tr>
<td>Georeferencing Workflows</td>
<td>Georeferencing Workflows</td>
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</tbody>
</table>

Please explain why you found the topics you selected most valuable.

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Please explain your selection of "least valuable" topics.

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If you have any questions or comments, please share below.

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Georeferencing for Research Use Day 3

How did you find today’s content in terms of your prior knowledge?

- It was mostly review of what I already knew.
- There was some new information.
- Most of the information was new to me.

Which of the topics covered on Day 3 did you find the most and least valuable? Please drag the topics to the appropriate box. You do not need to rate every topic.

<table>
<thead>
<tr>
<th>Most Valuable</th>
<th>Least Valuable</th>
</tr>
</thead>
<tbody>
<tr>
<td>_____ Getting datasets</td>
<td>_____ Getting datasets</td>
</tr>
<tr>
<td>_____ Data quality assessment</td>
<td>_____ Data quality assessment</td>
</tr>
<tr>
<td>_____ Cleaning datasets</td>
<td>_____ Cleaning datasets</td>
</tr>
<tr>
<td>_____ Visualizing datasets: basics</td>
<td>_____ Visualizing datasets: basics</td>
</tr>
<tr>
<td>_____ Visualizing datasets: toolkits</td>
<td>_____ Visualizing datasets: toolkits</td>
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</tbody>
</table>

Please explain why you found the topics you selected most valuable.

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Please explain your selection of "least valuable" topics.

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If you any questions or comments, please share below.

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Georeferencing for Research Use Day 4

This survey should take 15 - 20 minutes to complete. If at all possible, please respond by October 17, 2016.

How did you find today's content in terms of your prior knowledge?

- It was mostly review of what I already knew.
- There was some new information.
- Most of the information was new to me.

Which of the topics covered on Day 4: Part 1 did you find the most and least valuable? Please drag the topics to the appropriate box. You do not need to rate every topic.

<table>
<thead>
<tr>
<th>Most Valuable</th>
<th>Least Valuable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggregating by Regions</td>
<td>Aggregating by Regions</td>
</tr>
<tr>
<td>Time Animation</td>
<td>Time Animation</td>
</tr>
<tr>
<td>Uncertainty</td>
<td>Uncertainty</td>
</tr>
<tr>
<td>Spatial Autocorrection</td>
<td>Spatial Autocorrection</td>
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</table>

Please explain why you found the topics you selected most valuable.

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Please explain your selection of "least valuable " topics.

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Which of the topics covered on Day 4: Part 2 did you find the most and least valuable? Please drag the topics to the appropriate box. You do not need to rate every topic.

<table>
<thead>
<tr>
<th>Most Valuable</th>
<th>Least Valuable</th>
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</thead>
<tbody>
<tr>
<td>_____ Cleaning data using R</td>
<td>_____ Cleaning data using R</td>
</tr>
<tr>
<td>_____ Accessing APIs using R</td>
<td>_____ Accessing APIs using R</td>
</tr>
<tr>
<td>_____ Advanced QGIS</td>
<td>_____ Advanced QGIS</td>
</tr>
<tr>
<td>_____ GEOLocate in Symbiota</td>
<td>_____ GEOLocate in Symbiota</td>
</tr>
<tr>
<td>_____ Advanced GEOLocate</td>
<td>_____ Advanced GEOLocate</td>
</tr>
<tr>
<td>_____ GPS Apps</td>
<td>_____ GPS Apps</td>
</tr>
<tr>
<td>_____ Time to Work on My Own Data</td>
<td>_____ Time to Work on My Own Data</td>
</tr>
<tr>
<td>_____ Other. Please explain.</td>
<td>_____ Other. Please explain.</td>
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</tbody>
</table>

Please explain why you found the topics you selected most valuable.

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Page 2 of 15
Please explain your selection of "least valuable" topics.
Please rate your level of understanding of best practices for georeferencing legacy natural history collections locality data now compared to that prior to the workshop.

- Lower
- About the same
- Somewhat higher
- Higher
- Much higher

How do your skills for creating and/or using georeferenced data now compare to that prior to the workshop.

- Lower
- About the same
- Somewhat higher
- Higher
- Much higher
How do your skills for collecting and sharing GPS locality data using Darwin Core relevant fields now compare to that prior to the workshop.

- Lower
- About the same
- Somewhat higher
- Higher
- Much higher

How does your awareness of georeferencing resources (human, software, online) now compare to that prior to the workshop.

- Lower
- About the same
- Somewhat higher
- Higher
- Much higher
Was there an online resource--new to you--that you found particularly helpful or anticipate will be in the future?

- Yes
- Maybe
- No

Skip To: Q15 If Was there an online resource--new to you--that you found particularly helpful or anticipate will... = No

Please describe the resource/s and why you think they were or will be helpful.

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What was the most interesting or useful information you acquired during this workshop?

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Do you have any research-related georeferencing questions or needs that were not covered during the workshop? Please explain.

________________________________________________________________
Below is a list of possible issues for future georeferencing workshops, courses, and webinars. Please rate the level of need for future training on these topics among the research community.

<table>
<thead>
<tr>
<th>Issue</th>
<th>Low</th>
<th>Somewhat Low</th>
<th>Neither High nor Low</th>
<th>Somewhat High</th>
<th>High</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOLocate</td>
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<tr>
<td>QGIS</td>
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<tr>
<td>R</td>
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<tr>
<td>OpenRefine</td>
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<tr>
<td>Darwin Core Georeferencing Fields</td>
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<tr>
<td>Improving Georeferencing Efficiency</td>
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<tr>
<td>Developing Georeferencing Expertise</td>
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<tr>
<td>Gazetteer Development/Availability</td>
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<tr>
<td>Georeferenced-Data Sharing and Repatriation</td>
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<tr>
<td>Fit-for-Use of Georeferenced Data</td>
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<tr>
<td>Visualizing Georeferenced Data</td>
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</tbody>
</table>

If you are aware of other georeferencing topics of interest to the research community, please describe below.

________________________________________________________________

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Do you anticipate making any changes in your practices as a collector, data or collection manager, or researcher as a result of participating in this workshop?

- Yes
- Maybe
- No

Skip To: Q21 If Do you anticipate making any changes in your practices as a collector, data or collection manager... = No

Please describe the changes under consideration.

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Display This Question:  
If Do you anticipate making any changes in your practices as a collector, data or collection manager... = No

Please explain why you do not plan to make any changes to your georeferencing practices.

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Has your participation in this workshop resulted in any new collaborations or professional contacts that will help you in your georeferencing and/or digitization efforts?

- Yes
- Maybe
- No

Skip To: Q24 If Has your participation in this workshop resulted in any new collaborations or professional contacts... = No

Please provide a few details of forthcoming collaborations or consultations, etc., that you anticipate may result from participation in this meeting.

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Please rate your level of agreement with the following statements.

<table>
<thead>
<tr>
<th>Strongly agree</th>
<th>Agree</th>
<th>Neither agree nor disagree</th>
<th>Disagree</th>
<th>Strongly disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time was distributed appropriately among various topics.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>The workshop provided me with sufficient training to meet my immediate needs and/or that of my collection.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>The workshop was worth my time.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>The workshop met my expectations.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>I would recommend the workshop to others.</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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</tbody>
</table>

Feel free to comment on your ratings on the previous question in the box below.

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Please share any ideas you may have that would improve future workshops.

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Feel free to share any additional comments in the space below.

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End of Block: Default Question Block

Start of Block: Default Question Block

NSF and others in the collections community are interested in the following demographic information. Sharing this information is voluntary, but greatly appreciated.
What is your current gender identity?

- Female
- Male
- Transgender
- Do not identify as female, male, or transgender.
- Do not wish to provide.

Ethnicity identity

- Hispanic or Latino
- Not Hispanic or Latino
- Do not wish to provide.

Racial identity. You may check more than one.

- American Indian or Alaskan Native
- Asian
- Black or African American
- Native Hawaiian or Other Pacific Islander
- White
- Do not wish to provide.
Citizenship

- U.S. Citizen
- Permanent Resident
- Other non-U.S. Citizen
- Do not wish to provide.

Disability. Check all that apply.

- Hearing Impairment
- Visual Impairment
- Mobility/Orthopedic Impairment
- Other (Enter description)

- None
- Do not wish to provide.