RILTC’s New Mapping Toolbox

University of Rhode Island
Greg Bonynge
Aimee Mandeville
Peter August

RHODE ISLAND LAND TRUST COUNCIL
RUPERT FRIDAY
CAROL TROCKI
ALEX CHUMAN
SEAN GRANDY
Special thanks to:

• Rhode Island Conservation Stewardship Collaborative

• Esri Conservation Program Grant
MONITORING LOCATIONS

- New Feature

FIELD NOTE (POINT)

- New Feature

FIELD NOTE (LINE)

- New Feature

FIELD NOTE (AREA)

- New Feature

GPS accuracy 15.1 ft
Points
No valid location

Stop Averaging

Take Photo

Location

Property Name / ID

Name of Observer
Greg Bonyne

Description

Notes

Camera Facing Direction

No Value

Construction/New Improvement

Dumping

Topography Change

Mowing or Vegetation Removal

Vehicle or Equipment Disturbance

Storage

Vandalism

Boundary Line

Point of Interest
Points
41.491034°N 71.525765°W

Start Averaging

Points

Property Name / ID

Name of Observer
Greg Bonyngne

Description
Construction/New Improvement

Notes
construction flagging

Camera Facing Direction
East

Search Filter
No Value
North
Northeast
East
Southeast
South
Southwest
West
Northwest
All (NESW)

Cancel
Next Steps...

• Save your work!
• Collect your next point... save it... and so on.
• NO mobile data connection needed
Line layer
Length 303 ft

Stop Averaging

Take Photo

Attach

Property Name / ID

Name of Observer
Pete August

Notes
hiking trail
• **All of your work is stored on the iPad until...**
  • the iPad is connected to a wifi network and,
  • the Land Trust re-opens Collector and deliberately syncs the iPad with ArcGIS Online.
https://rilandtrusts.maps.arcgis.com

Currently not accessible by the general public.
Points

Property Name / ID
No content available.

Name of Observer
Greg Bonzing

Description
Moving or Vegetation Removal

Notes
downed tree

Camera Facing Direction
Northwest
### Description (Grouped Counts)

<table>
<thead>
<tr>
<th>COUNT</th>
<th>Construction/New Improvement</th>
<th>Mowing or Vegetation Removal</th>
<th>Natural History Observation</th>
<th>Point of Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

### Description

<table>
<thead>
<tr>
<th>Property Name / ID</th>
<th>Name of Observer</th>
<th>Camera Facing Direction</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greg Bonyhe</td>
<td>Northwest</td>
<td></td>
<td>Mowing or Vegetation Removal</td>
<td>downed tree</td>
</tr>
<tr>
<td>Greg Bonyhe</td>
<td>West</td>
<td></td>
<td>Natural History Observation</td>
<td>interesting rock</td>
</tr>
<tr>
<td>Greg Bonyhe</td>
<td>East</td>
<td></td>
<td>Construction/New Improvement</td>
<td>construction flagging</td>
</tr>
<tr>
<td>Greg Bonyhe</td>
<td>All (NESW)</td>
<td></td>
<td>Point of Interest</td>
<td>fire hydrant</td>
</tr>
<tr>
<td>Greg Bonyhe</td>
<td></td>
<td></td>
<td>Point of Interest</td>
<td>stone wall</td>
</tr>
</tbody>
</table>
How to Bulk Download Photos?

• We’re exploring options.
  • Easiest method... download directly from iPad via iTunes.
  • Advanced method... via Esri ArcGIS Pro.
Let’s Talk About Boundaries...

- Common sources for boundary data.

- RILTC will help review them and publish to ArcGIS Online.

- All boundaries published by RILTC are only APPROXIMATE and are NOT authoritative. If you need more accurate products, consult a licensed professional land surveyor.
Possibilities!

- Embed simple maps on your Land Trust website
- Custom web applications
- Storymaps
- Collect, analyze, and share more data!
  - User surveys (e.g. how was your visit today?)
  - User incident reports (e.g. trash pile found on property)
  - Trail maps
  - Signage locations and conditions
  - Natural history data
  - What are YOUR ideas?
Contact Rupert Friday to get started!

rfriday@rilandtrusts.org
401-932-4667
https://www.rilandtrusts.org

Alex Chuman
achuman@ailt.org

Greg Bonynge
greg@edc.uri.edu