



AGRRA SCTLD & Bleaching Data Entry System

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A network for learning among Caribbean marine resource managers



What is it?

- Collaborative Community Platform: SCTLD monitoring network
- esri based apps
- Lives on AGRRA website but to serve the region at large
- Improvements and suggestions always welcome: gis@agrra.org



What data is shared?

- SCTLD Surveys
 - Roving Diver
 - Bar Drop
 - Depth Ranges, etc.
- Bleaching Surveys
- General reef observations
 - Healthy reefs are still good data points!



How do I share data?

Caribbean Coral Health Watch

Report Your Findings



SUBMIT

Basic Coral Disease & Bleach Survey

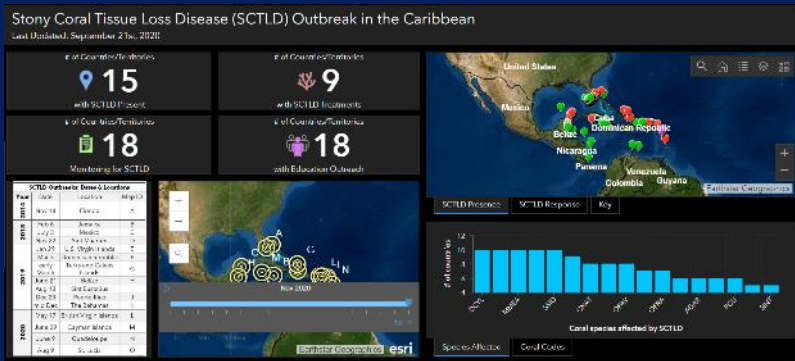
SUBMIT

Detailed Coral Disease & Bleach Survey

Presence of SCTLD

- New Submission - Under Review
- SCTLD Absent, but other diseases may be present
- SCTLD May be Present
- SCTLD Present

1. Submit Reports
2. Experts Review
3. Feed Caribbean SCTLD/Bleach Maps & Disease Dashboard
4. Guide response and management actions



Available Survey Report Forms

SUBMIT

Basic Coral Disease & Bleach Survey

- Site & surveyor information
- SCTLD & Bleaching
- Presence/Absence data
 - Estimates by species if known
- Photos

SUBMIT

Detailed Coral Disease & Bleach Survey

- Site & surveyor information
- SCTLD & Bleaching
 - Levels of bleaching
- Quantitative Data
 - By species
- Photos

Live Website Demonstration

AGRRA Atlantic and Gulf
Rapid Reef Assessment

CORAL DISEASE OUTBREAK

AGRRA Atlantic and Gulf
Rapid Reef Assessment

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CORAL REEF MONITORING

DATA EXPLORER

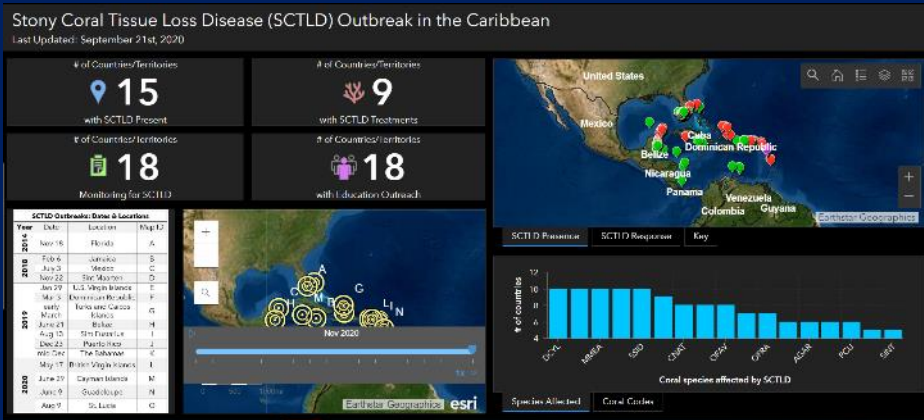
TRAINING TOOLS

Stony Coral Tissue Loss Disease

Tracking the
Disease in
the
Caribbean

Photo Credit: Conor Goulding, Mote Marine Laboratory

Future Improvements



submit_date	deviceid	Name	Date/Time	Reef Name	AGRR Site Code	Marine Protected Area
11/22/2020 3:13	deviceid not found	Baruch Figueroa Zavala	10/20/2020 16:00	AKP		within_mpa
11/24/2020 20:33	deviceid not found	Baruch Figueroa Zavala	10/21/2020 16:30	Akumal Bay		within_mpa
11/25/2020 19:11	deviceid not found	Catalina Morales y Miguel Figuerola	11/18/2020 14:00	Cayo Largo		outside_mpa
11/25/2020 19:43	deviceid not found	Catalina Morales y Miguel Figuerola	11/18/2020 16:15	Cayo Largo		within_mpa
11/27/2020 17:20	deviceid not found	MARIA JOSÉ HERNÁNDEZ DUEÑAS	10/22/2020 15:45	HMBP - MEDIA LUNA PROFUNDO		within_mpa
11/27/2020 23:09	deviceid not found	MARIA JOSÉ HERNÁNDEZ DUEÑAS	10/22/2020 17:30	HMBP - MEDIA LUNA SOMERO		within_mpa
12/1/2020 19:56	deviceid not found	Baruch Figueroa Zavala	10/21/2020 15:50	AKS		within_mpa
12/5/2020 2:03	deviceid not found	Andrea Rivera Sosa	10/29/2020 14:40	Xahua parche 9	No	within_mpa
12/5/2020 3:29	deviceid not found	Andrea Rivera Sosa	10/29/2020 16:20	Xahua parche 10	no	within_mpa
12/5/2020 4:51	deviceid not found	Andrea Rivera Sosa	10/30/2020 18:30	Enfrente		within_mpa
12/5/2020 5:49	deviceid not found	Andrea Rivera Sosa	10/30/2020 19:50	Quebrado Grande		within_mpa
12/5/2020 19:02	deviceid not found	Andrea Rivera Sosa	10/31/2020 17:20	La poza profundo		within_mpa
12/5/2020 20:04	deviceid not found	Andrea Rivera Sosa	10/31/2020 14:30	Coral Garden		within_mpa
12/5/2020 20:38	deviceid not found	Andrea Rivera Sosa	10/31/2020 19:30	La Pozeta		within_mpa
12/5/2020 21:59	deviceid not found	Andrea Rivera Sosa	10/29/2020 16:30	Faro Nuevo		within_mpa
12/5/2020 22:44	deviceid not found	Andrea Rivera Sosa	10/29/2020 20:50	Dos Ojos 1		within_mpa
12/5/2020 23:16	deviceid not found	Andrea Rivera Sosa	10/29/2020 19:30	Ro Vermelho		within_mpa
12/6/2020 0:12	deviceid not found	Andrea Rivera Sosa	10/29/2020 14:30	Terraza Sur		outside_mpa
12/15/2020 18:56	deviceid not found	Damaris Dueñas	12/8/2020 17:25	El Bucanero	HNROA003	within_mpa
12/15/2020 21:36	deviceid not found	Damaris Dueñas	12/7/2020 14:17	Las Palmas	HNROA004	within_mpa
12/19/2020 2:31	deviceid not found	ELVIRA ITALIA MORENO RODRIGUEZ	11/24/2020 16:15	PASO DEL CEDRAL	PASO DEL CEDRAL	within_mpa
12/20/2020 21:53	deviceid not found	Catalina Morales / Miguel Figuerola	12/17/2020 19:00	Los Corchos	N/A	outside_mpa
12/22/2020 20:42	deviceid not found	Kimani Kitson-Walters	9/3/2019 9:08	Inner Jenkins		outside_mpa
12/22/2020 20:43	deviceid not found	Kimani Kitson-Walters	10/1/2019 7:43	Inner Jenkins		outside_mpa

1. Dashboard Updates
2. Video tutorial for Basic Survey Form
3. Data Spreadsheet Download
 - What information would be most helpful to include?
4. Data Spreadsheet Upload
 - Manual process through AGRRA
 - Hopes to ease data entry burdens