

Instructions for Tabular Data Archiving at NCEI

Step 1. Obtain initial consultation: Send an email to NCCOS.data@noaa.gov requesting an initial consultation to determine how your dataset should be archived.

Step 2. Format and organize your data: Save your observation data or model output as either comma-separated values (.CSV) or tab-separated values (.TSV). You may archive a single large spreadsheet (up to 20 GB) or multiple smaller spreadsheets. Use any folder structure and file name convention, but do not use any spaces in your folder or file names (use dashes or underscores instead). See an example archived tabular dataset [here](#).

Step 3. Create a browse graphic: Create a browse graphic in .JPG format. This can be any small image that exemplifies the collective dataset. The graphic file should be less than 500KB and 1000x1000 pixels.

Step 4. Assemble your data package into a directory on the NCCOS network:

Network Folder Location	X:\Archiving\Loerzel_NCRMP-Socio-USVI-2017
Number of Subfolders	0
Number of Files	5
Total Size	7.42 MB
Zipped File Size	6.98 MB
Any individual file > 20 GB?	No
Includes data documentation?	Yes
Includes browse graphic?	Yes

Step 5. Submit request for archiving: Send an email to NCCOS.data@noaa.gov with this archive submission document attached. You may receive comments or clarifying questions as archiving proceeds. The final archive submission will be approved by your Branch Chief and submitted to NCEI. The NCEI archiving process typically takes about 2 weeks. Upon completion of the archive process, NCEI will issue an Accession number, publish ISO discovery metadata, and mint a digital object identifier (DOI). Your NCCOS Project webpage will be updated with a link to your accession.

**NCCOS Archive Submission: Tabular Data –
NCRMP Socio USVI 2017**

Dataset Description	
*Dataset Title (Required)	National Coral Reef Monitoring Program: Socioeconomic surveys of human use, knowledge, attitudes, and perceptions in USVI from 2017-02 to 2017-04
Short Title	NCRMP Socio USVI 2017
*Dataset Description <i>Brief description of the dataset, including spatial and temporal extent (if applicable), parameters, and format</i>	The data in this file come from a survey of adult residents in the United States Virgin Islands (USVI). The survey was conducted for a random stratified sample of households on the islands of St. Thomas, St. John, and St. Croix from February to April of 2017. These data were collected to record baseline human dimensions information and socioeconomic characteristics of USVI's coral reef adjacent populations such as human use patterns, management support/opposition, and knowledge, attitudes, and perceptions of coral reefs/coral reef management. These baseline data are being used as a starting point for socioeconomic monitoring of USVI's coral reefs. Data were collected through the telephone random digit dial survey method and the face to face interview method, and the total sample size for this survey was 1,188 with a response rate of 28% for telephone surveys and between 15-20% for in person surveys.
*Purpose <ul style="list-style-type: none"> • Project overview • Dataset purpose • Partnerships 	The National Coral Reef Monitoring Program (NCRMP) details a long-term approach to provide an ecosystem perspective via monitoring climate, fish, benthic, and socioeconomic variables in a consistent and integrated manner. The NCRMP is intended to coordinate various Coral Reef Conservation Program (CRCP) biological, physical, and human dimensions activities into a cohesive NOAA-wide effort. Through the implementation of the NCRMP, NOAA will be able to clearly and concisely communicate results of national-scale monitoring to national, state, and territorial policy makers, resource managers, and the public on a periodic basis.
*Methods <i>Brief description of model approach or observation sampling methods, including reference to publication</i>	Resident surveys took place on the islands of St. Thomas, St. John, and St. Croix in the United States Virgin Islands (USVI) in 2017. The potential respondent universe for this study was adults, eighteen years or older, who live on USVI for at least 6 months out of the year. Due to the importance of understanding all potential users of the coral reefs who may be affected by activities related to NOAA's CRCP, the survey was not restricted to those who live directly on the coastline. Therefore, all adults on the islands were included in the potential respondent universe. Residents of USVI over the age of 18 were surveyed via telephone and via face to face interviews from February to April of 2017. Contracted surveyors used Questionnaire Programming Language (QPL) software and offered the survey in two languages: English and Spanish. For telephone surveys, the survey data were entered into the computer as each interview was being conducted, eliminating manual data entry after the completion of the survey. The survey questionnaire was programmed so that QPL branched, coded, and substituted phrases in the survey based on previous responses to ensure the integrity and consistency of the data collection. Telephone surveying times are Monday through Friday from 9:00 a.m. to 9:00 p.m., Saturday from noon to 5:00 p.m., and Sunday from 5:00 p.m. to 9:00 p.m., local time. A five-callback design was used to maintain the representativeness of the sample, to avoid bias toward people easy to reach by telephone, and to provide an equal opportunity for all to participate. When a respondent could not be reached on the first call, subsequent calls were placed on different days of the week and at different times of the day. For the in-person interviews, a team of professional interviewers conducted all in person interviews with residents of St. Thomas, St. John, and St. Croix. The in person interviewers were conducted as intercept surveys. Using the local knowledge of USVI-based team members, in person surveys were conducted at more than 30 sites frequented by USVI residents. These sites were selected to be geographically distributed around the islands in locations designed to capture residents of all ages, ethnicities, and income strata. In-person surveys were administered using tablets and/or laptops, with the data being inputted directly in real-time using data collection software. In addition to electronic data entry hardware, paper-based questionnaires were also made available to all surveyors in case unforeseen information technology issues arose. The on-site in-person surveys were conducted from 9:00 a.m. to 5:00 p.m. local time. A total of 1,188 interviews were completed, yielding a response rate of 28% for telephone surveys and approximately 15-20% for in person surveys. No names or personally identifiable information were collected during surveying.

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Cited Publications <i>(Optional) Full citations (including DOIs) of all publications cited in this document</i>	M. Gorstein, J. Loerzel, P. Edwards, and A. Levine. In review. National Coral Reef Monitoring Program Socioeconomic Monitoring Component: Summary Findings for USVI, 2017. US Dep. Commerce, NOAA Tech. Memo., NOAA-TM-NOS-CRCP-XX, XXp. + Appendices.
*Project Webpage(s)	National Coral Reef Monitoring Program Implementation: Biological and Socioeconomic Monitoring https://coastalscience.noaa.gov/projects/detail?key=180 National Coral Reef Monitoring Program: Understanding Socioeconomic Connections https://www.coris.noaa.gov/monitoring/socioeconomic.html
Web Services (Optional)	[none]

People & Projects	
*Principal Investigator <i>Name, email, affiliation</i>	Peter Edwards peter.edwards@noaa.gov US DOC; NOAA; NOS; Coral Reef Conservation Program (CRCP)
Additional Principal Investigators <i>(Optional) Name, email, affiliation. Include as many as applicable</i>	Jarrold Loerzel jarrod.loerzel@noaa.gov US DOC; NOAA; NOS; National Centers for Coastal Ocean Science (NCCOS)
Primary Point of Contact <i>(Optional) Name, email, affiliation</i>	Matt Gorstein matt.gorstein@noaa.gov US DOC; NOAA; NOS; National Centers for Coastal Ocean Science (NCCOS)
Collaborators (Optional) <i>Name, affiliation. Include as many as applicable who should be recognized for their contribution to this data collection, including co-Investigators.</i>	Arielle Levine - US DOC; NOAA; NOS; Coral Reef Conservation Program (CRCP) Justine Kimball - US DOC; NOAA; NOS; Coral Reef Conservation Program (CRCP)
*Suggested Author List <i>Last name, first name; repeat as necessary, with each author's name separated by a semi-colon, in any order that you would like. Middle initials optional.</i>	Edwards, Peter; Loerzel, Jarrod; Levine, Arielle; Gorstein, Matt;
*NCCOS Funding	US DOC; NOAA; NOS; National Centers for Coastal Ocean Science (NCCOS)
Other Funding Agency (Optional)	US DOC; NOAA; NOS; Coral Reef Conservation Program (CRCP)
Partner Entity (Optional) <i>List any entities not listed above that you consider to be collaborators.</i>	[none]
*NCCOS Project Title	NCCOS Project #180, "National Coral Reef Monitoring Program Implementation: Biological and Socioeconomic Monitoring"
Other Projects (Optional) <i>If CRCP-funded, include project # and title.</i>	CRCP Project #743, "National Coral Reef Monitoring Program (NCRMP) Socioeconomic Component: USVI"
*NCCOS Branch Chief <i>Provide your Branch Chief's name, Division and Branch.</i>	John Christensen US DOC; NOAA; NOS; National Centers for Coastal Ocean Science (NCCOS); Center for Coastal Monitoring and Assessment (CCMA); Biogeography Branch

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Dates, Locations, and Keywords (see Appendix for NCCOS Keywords)	
*Start Date (YYYY-MM-DD)	2017-02
*End Date (YYYY-MM-DD)	2017-04
*Northern Boundary (dd.ddddd)	18.431305
*Southern Boundary (dd.ddddd)	17.659779
*Western Boundary (dd.ddddd)	-65.102590
*Eastern Boundary (dd.ddddd)	-64.549084
Sea Areas, Water Bodies, Marine Protected Areas (Optional)	United States Virgin Islands
NOAA Ships, Other Ships, or Platforms (Optional)	[none]
*Research Priorities	Social Science Long-term Monitoring
*Research Topics	Coral Reefs
*NCCOS Regions	International
*U.S. States and Territories List all applicable	USVI
*NCCOS Data Types	Field Observation
*CoRIS Keywords (Required if CRCP-funded) See link for CoRIS keywords.	CoRIS Discovery Thesaurus: Geographic Information > Socioeconomic CoRIS Theme Thesaurus: EARTH SCIENCE > Biosphere > Zoology > Corals > Reef Monitoring and Assessment > Baseline studies EARTH SCIENCE > Biosphere > Zoology > Corals > Reef Monitoring and Assessment > Socio-economic Survey CoRIS Place Keywords: COUNTRY/TERRITORY > United States of America > U. S. Virgin Islands > U. S. Virgin Islands > U. S. Virgin Islands (17N064W0000) COUNTRY/TERRITORY > United States of America > U. S. Virgin Islands > St. Thomas > St. Thomas (18N064W0033) COUNTRY/TERRITORY > United States of America > U. S. Virgin Islands > St. Croix > St. Croix (17N064W0003) COUNTRY/TERRITORY > United States of America > U. S. Virgin Islands > St. John > St. John (18N064W0011)
GCMD Keywords (Leave blank) The NCCOS Data Manager will fill these out using the current list	

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Data File Description (copy this section as needed for each spreadsheet)	
*File Names	NCRMP-Socio-USVI-2017_Data.csv
*File Sizes	388 MB
*File Formats	CSV
*Parameters or Variables <i>List major observed parameters or model output variables here; provide details for every column in the Data Dictionary section below.</i>	Human Activity
*Property Type <i>Choose Measured or Calculated</i>	Measured
*Units	Multiple
*Observation Category <i>Choose laboratory analysis, model output, in situ, satellite, or other</i>	Other
*Sampling Instrument If applicable, otherwise use model	documentation only - no instrument type
*Sampling and Analyzing Method <ul style="list-style-type: none"> • Description of parameter • Description of units, precision, and accuracy • How parameter was measured/ collected 	Data were collected via telephone using random digit dialing and via face to face interview, and the total sample size for this survey was 722 with a response rate of 28% for telephone surveys and 15-20% for in person surveys.
*Data Quality Method <ul style="list-style-type: none"> • Data processing method • Data analysis method 	For a complete description of the data processing and analysis methods, see Gorstein et al. (in review).

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*Data Dictionary (copy this section as needed for each spreadsheet, edit/add/remove columns as applicable) (Required)
See separate file "NCRMP-Socio-USVI-2017_DataDictionary.pdf" for full survey codebook.

Comment: (To be filled out by Data Coordinator)	This is a NOAA/NCCOS dataset, please direct this archive submission package to Data Archivist Katharine Woodard or Lauren Jackson, NCEI-Stennis.// This is CRCP-funded, please also include Brian Beck and Sarah O'Connor, NCEI/CoRIS.// Please mint a digital object identifier for this accession.//
Keywords (Reformatted)	NCCOS Research Priority > Social Science NCCOS Research Priority > Long-term Monitoring NCCOS Research Topic > Coral Reefs NCCOS Research Location > Region > International NCCOS Research Location > U.S. States and Territories > USVI NCCOS Research Location > Geographic Area > Coral Reefs NCCOS Research Data Type > Field Observation
Supplemental Information (Reformatted)	Project Webpage:// National Coral Reef Monitoring Program Implementation: Biological and Socioeconomic Monitoring https://coastalscience.noaa.gov/projects/detail?key=180 // National Coral Reef Monitoring Program: Understanding Socioeconomic Connections https://www.coris.noaa.gov/monitoring/socioeconomic.html //

Appendix: NCCOS Discovery Keywords

Research Priorities

- Marine Spatial Ecology
- Stressor Impacts and Mitigation
- Coastal Change: Vulnerability, Mitigation, and Restoration
- Social Science

Research Topics

- Ecological and Biogeographic Assessments
- Habitat Mapping
- Regional Ecosystem Science
- Coastal Aquaculture Siting and Sustainability
- Harmful Algal Bloom (HAB) Detection and Forecasting
- Biological Effects of Contaminants and Nutrients
- Vulnerability and Risk Assessment
- Natural and Nature-based Features
- Climate Impacts on Ecosystems
- Restoration
- Ecosystem Services Valuation
- Assessing Human Use
- Assessing Vulnerability and Resilience

Research Locations

- Regions
 - Atlantic Ocean
 - Bering Sea
 - Caribbean Sea
 - Great Lakes
 - Gulf of Mexico
 - Pacific Ocean
 - International
- U.S. States and Territories
 - [list all applicable]

Research Data Types

- Field Observation
- Long-term Monitoring
- Geospatial
- Derived Data Product
- Model
- Field Experiment
- Laboratory Experiment