

NERRS Science Collaborative Project:

Assessing how climate change will affect coastal habitats in the Northeast

Available: August 2017

EXAMPLE PROCESS AGENDAS

FOR MULTI- AND SINGLE DAY
CCVATCH SCORING APPLICATIONS

TABLE OF CONTENTS

Table of Contents

Multi-Day Process_____	1
Day 1 – Project planning_____	1
Day 2 – Data ID/Information needs_____	3
Day 3 – Introduction to scoring (with logistics) _____	5
Day 4 – Scoring_____	8
Day 5 – Optional on-line survey & discussion_____	9
Day 6 – Multiple assessment team scoring_____	10
Single Day Process _____	12
Pre-Meeting Prep_____	12
Single day tool overview and scoring_____	12
Supplemental Materials _____	16
Presentations _____	16
Handouts_____	16
Flipcharts _____	16
Spreadsheets _____	16
Example on-line survey_____	16

The following process agendas with listed supplemental materials were developed during this project and, while they are not likely to be a perfect fit for subsequent applications of the CCVATCH tool, these materials should provide a better understanding of how the tool may be applied over a single or multiple days. The length of time allocated to this process will be a function of how familiar project participants are with the available data and literature relating to potential stressor impacts on the habitat of interest as well as their preference for performing this tool application process at a series of meetings, via remote communication, or through some combination of the two. In addition to the basic support documentation available on the www.ccvatch.com website home page (e.g. CCVATCH Guidance Document, Scoring Sheet, etc.), additional supplemental material to assist in meeting planning is supplied on the website in the Resources/Project Planning section and indicated by bold text within the process agenda materials lists as well as in the last section of this document.

MULTI-DAY PROCESS

Multi-Day Process

The following sequence of process agendas reflect the numerous meetings held in Rhode Island during the application of CCVATCH during this project. The general activities that the RI project team engaged in included the following:

- Provide an introduction to the CCVATCH tool and Northeast Project overview;
- Identification of habitat to be assessed;
- Discussion of project logistics (e.g. who, how often, when);
- Identification of available data and knowledge gaps;
- Review of available reference material and outreach to experts for additional references;
- Generation of bulleted list of impacts to aid in scoring;
- Review of climate predictions and select appropriate time frame for scoring;
- Streamline scoring process by considering potential triggers that would make the assignment of scores different for individual sites; and,
- Assign scores to individual sites

Project participants in Rhode Island were the first to begin their vulnerability assessments and are largely responsible for building out the northeast regional resource document for salt marsh habitat. They also elected to have multiple assessment teams assigning scores across multiple locations which required that all participants had a clear understanding of the potential impacts and the mechanisms by which score assignment would likely differ between sites. This decision resulted in the commitment of extra effort to develop a scoring ‘cheat sheet’ that ensured all teams were basing their assessments on the same set of assumptions.

DAY 1 – PROJECT PLANNING

PROJECT PLANNING

TIME	TOPIC	FACILITATION	MATERIALS
9:00-9:10	Introductions Objective: Launch the meeting and get folks comfortable	<ul style="list-style-type: none">• Welcome & logistics• Round the room – name and organization 10 minutes	Sign-in sheet

MULTI-DAY PROCESS

<p>9:10-9:45</p>	<p>An introduction to CCVATCH</p> <p>Objective: Provide an brief overview of the tool so we are speaking the same language</p>	<ul style="list-style-type: none"> • Overall meeting objectives • Tool development and components • Example applications in RI • Questions? <p style="text-align: right;">35 minutes</p>	<p>Agenda</p> <p>PPT presentation (CCVATCHOverview_NE_Project part 1)</p> <p>CCVATCH Guidance Document</p>
<p>9:45-9:55</p>	<p>NSC Science transfer project overview</p> <p>Objective: Provide context for RI project, contributions to state of knowledge</p>	<ul style="list-style-type: none"> • Brief description of project and how RI component fits into the whole • Anticipated outputs • Questions? <p style="text-align: right;">10 minutes</p>	<p>PPT presentation (CCVATCHOverview_NE_Project part 2)</p> <p>Fact sheet: NSC project</p>
<p>9:55-10:05</p>	<p>Break</p>		
<p>10:05-10:35</p>	<p>Facilitated discussion: Planning for application of CCVATCH in RI</p> <p>Objective: Decide which habitats should be assessed and the geographic distribution of those selected</p>	<ul style="list-style-type: none"> • Individuals complete discussion points handout (multi-voting) • Tally scores on-screen by habitat (simple show of hands and capture numbers on spreadsheet) • Sort habitats by response (on-screen) • Considerations for selection (relating to effort by habitat and references response to questions 2 and 3 on handout) • General discussion regarding results • Final habitat selection (on-screen) <p style="text-align: right;">30 minutes</p>	<p>Discussion Pts handout</p> <p>Excel spreadsheet with habitats (on-screen) (HabitatTally)</p> <p>Word document for 'Marina' items</p>
<p>10:35-10:50</p>	<p>Facilitated discussion: Project logistics</p>	<ul style="list-style-type: none"> • Given the habitat(s) selected, ask participants to share their thoughts on discussion points, taken sequentially • Record general consensus (with just a reminder of need TBD among teams for last two bullet items if time is limited) 	<p>Discussion points with options listed for each (on-screen)</p> <ul style="list-style-type: none"> ○ Frequency/duration of meetings ○ Team structure ○ Expert elicitation process ○ Data collection & resource review

MULTI-DAY PROCESS

	Objective: Consider the types of choices necessary for pulling this off		<ul style="list-style-type: none"> Resource document build-out & sharing (CCVATCH Overview_NE_Project part 3) <p>Word document for 'Marina' items</p> <p style="text-align: right;">15 minutes</p>
10:50-11:00	<p>Wrap-up</p> <p>Objective: Reiterate what has been decided so that we all walk out with the same notion of what will happen next</p>	<ul style="list-style-type: none"> Brief overview of what we decided regarding application of CCVATCH in RI <ul style="list-style-type: none"> Habitat(s) Team(s) formation and 'next steps' 'Marina' items Additional comments/questions? Thanks for participation <p style="text-align: right;">10 minutes</p>	Habitat assessment team sign-up sheet

DAY 2 – DATA ID/INFORMATION NEEDS

ID DATA/INFORMATION NEEDS

TIME	TOPIC	FACILITATION	MATERIALS
1:00-1:05	<p>Introductions</p> <p>Objective: Launch the meeting and get folks comfortable with concept</p>	<ul style="list-style-type: none"> Welcome & logistics Round the room – name and organization <p style="text-align: right;">5 minutes</p>	Sign-in sheet
1:05-1:15	<p>Meeting objectives and process overview</p> <p>Objective: Provide a brief overview of the meeting objectives and planned</p>	<ul style="list-style-type: none"> Brief CCVATCH 'refresher' Overall meeting objectives Process overview <ul style="list-style-type: none"> Team assignment (=3) by non-climate stressor (2 each) and adaptive capacity (2 each) Roving flipcharts description 	<p>Agenda</p> <p>PPT presentation with list of climate and non-climate stressors, adaptive capacity components; objectives; types of data sources (Pre-Meeting_Refreshers)</p>

MULTI-DAY PROCESS

	process for capturing data / information needs	<ul style="list-style-type: none"> • Questions? <p style="text-align: right;">10 minutes</p>	Printed index cards with stressors and adaptive capacity components (for random assign.)
1:15-1:45	<p>Capture data / information needs for 1st of 2 stressor groups</p> <p>Objective: First crack at capturing data / information needs (and sources) for first stressor group</p>	<ul style="list-style-type: none"> • Each team reads appropriate section of guidance document and resource document (if applicable) for assigned stressor (1st of 2) • Team fills in assigned stressor flip-chart • Teams rotate to each of two other flip-charts and fill in additional resource info • Teams return to original flip chart and fill in any gaps • Questions/concerns? <p style="text-align: right;">30 minutes</p>	<p>Pre-printed flipcharts for stressor group 1 of 2 (FlipCharts-PreMeeting)</p> <p>CCVATCH Guidance document Draft Resource document 'Marina' sheet</p>
1:45-2:15	<p>Capture data / information needs for 2nd of 2 stressor groups</p> <p>Objective: First crack at capturing data / information needs (and sources) for second stressor group</p>	<ul style="list-style-type: none"> • Each team reads appropriate section of guidance document and resource document (if applicable) for assigned stressor (2nd of 2) • Team fills in assigned stressor flip-chart • Teams rotate to each of two other flip-charts and fill in additional resource info • Teams return to original flip chart and fill in any gaps • Questions/concerns? <p style="text-align: right;">30 minutes</p>	<p>Pre-printed flipcharts for stressor group 2 of 2 (FlipCharts-PreMeeting)</p> <p>CCVATCH Guidance document Draft Resource document 'Marina' sheet</p>
2:15-2:30	<p>Capture data / information needs for adaptive capacity components</p> <p>Objective: First crack at capturing data / information needs (and sources) for adaptive capacity</p>	<ul style="list-style-type: none"> • Each team reads appropriate section of guidance document for assigned adaptive capacity components • Team fills in assigned stressor flip-chart • Teams rotate to each of two other flip-charts and fill in additional resource info • Teams return to original flip chart and fill in any gaps <p style="text-align: right;">15 minutes</p>	<p>Pre-printed flipcharts for adaptive capacity (FlipCharts-PreMeeting)</p> <p>CCVATCH Guidance document</p>
2:30-2:45	Break	15 minutes	Snack food and drinks

MULTI-DAY PROCESS

<p>2:45-3:45</p>	<p>Facilitated discussion: Flip-chart data needs capture review and participant assignments</p> <p>Objective: Review data needs and determine if available/accessible and if not solicit additional input; volunteer assignment</p>	<p>For each stressor:</p> <ul style="list-style-type: none"> • Review data sources identified on spreadsheet • Consider whether data sources, if available and reviewed prior to scoring effort, are sufficient to answer assessment questions • If yes, solicit volunteers to find/review data sources • If no, solicit volunteers to contact ID'd experts for input <p>60 minutes</p>	<p>Completed flip charts Sign-up sheet for review of data / expert elicitation 'Marina' sheet</p>
<p>3:45-4:00</p>	<p>Facilitated discussion: Project logistics</p> <p>Objective: Consider next steps and best format for scheduled scoring assignment meetings</p>	<ul style="list-style-type: none"> • Determine how much time is appropriate for participants to complete their assignments for scoring meetings to begin (set scoring start date) • ID mechanism for determining which salt marshes to assess (if less than all) • Decide frequency/duration of meetings for score assignment • Resource document build-out and sharing (e.g. dropbox, etc.) <p>15 minutes</p>	<p>'Marina' sheet</p>

DAY 3 – INTRODUCTION TO SCORING (WITH LOGISTICS)

INTRODUCTION TO SCORING (WITH LOGISTICS)

TIME	TOPIC	FACILITATION	MATERIALS
<p>9:00-9:15</p>	<p>Objectives and process description</p> <p>Objective: Provide a brief overview of the meeting objectives and planned process for resource</p>	<ul style="list-style-type: none"> • Welcome & logistics • Objectives • Process for 'capturing' resource review bullets on flipcharts <ul style="list-style-type: none"> ○ Team assignment (=6) by non-climate stressor; 	<p>Sign-in sheet Agenda</p>

MULTI-DAY PROCESS

	review capture & score assignment	<p>adaptive capacity component</p> <ul style="list-style-type: none"> • Questions? <p>15 minutes</p>	
9:15-9:45	<p>Capture bulleted potential non-climate stressor impacts from resource document</p> <p>Objective: Make it easier to quickly revisit all the anticipated impacts (one time event for all scoring sessions)</p>	<ul style="list-style-type: none"> • Each team reads appropriate section of CCVATCH Guidance document and resource document and edits/adds content to pre-printed flipcharts <p>30 minutes</p>	<p>Printed index cards with stressors and adaptive capacity components (for random assign.)</p> <p>ResourceBulletScratchpad</p> <p>Pre-printed flipcharts with stressors</p> <p>(FlipCharts-Scoring)</p> <p>CCVATCH Guidance document</p> <p>Draft Resource document</p>
9:45-10:00	<p>Capture bulleted adaptive capacity from resource document</p> <p>Objective: Make it easier to quickly revisit adaptive capacity effects (one time event for all scoring sessions)</p>	<ul style="list-style-type: none"> • Each team reads appropriate section of CCVATCH Guidance document and resource document and edits/adds content to pre-printed flipcharts <p>15 minutes</p>	<p>ResourceBulletScratchpad</p> <p>Pre-printed flipcharts with adaptive capacity</p> <p>(FlipCharts-Scoring)</p> <p>CCVATCH Guidance document</p> <p>Draft Resource document</p>
10:00-10:20	<p>Brief overview of scoring levels and use of examples in Guidance; other scoring considerations</p> <p>Objective: Remind group of how CCVATCH scoring works and anticipate “known” scoring questions</p>	<ul style="list-style-type: none"> • Provide overview of scoring levels and potential for average, majority vote, etc. • Provide overview of scoring considerations (e.g. “double-counting”, zero vs. blank, etc.) • Determine appropriate time frame for scoring (e.g. 25, 50, 100 years) <p>20 minutes</p>	<p>Pre-printed flipcharts</p> <p>(FlipCharts-Scoring)</p> <p>CCVATCH Guidance document</p> <p>Draft Resource document</p> <p>Climate Predictions</p> <p>SLR_Rhodelsland</p> <p>USGS Climate Summary ‘Marina’ sheet</p>
10:20-10:50	<p>Setting ‘ground-rules’</p> <p>Objective: Decide on ground rules for applying CCVATCH to all sites as we progress through this project</p>	<ul style="list-style-type: none"> • Facilitated discussion <ul style="list-style-type: none"> ○ Final scores (e.g. consensus, majority vote, etc.) and time limits for discussion, etc. ○ Time frame for assessment (e.g. 25 yrs, 50 yrs) <p>30 minutes</p>	<p>CCVATCH Guidance document</p>

MULTI-DAY PROCESS

10:50-11:00	Break	10 minutes	Snack food and drinks
11:00-11:10	Review of captured bullets Objective: Provide group an opportunity to review all bullets captured earlier and add/edit bullets	<ul style="list-style-type: none"> • Group walks around to read/review all captured resource bullets • Share with group any additions (likely based on personal observations or additional resources not in resource document) 10 minutes	Completed flip charts Sign-up sheet for review of data / expert elicitation 'Marina' sheet
11:10-12:30	Score assignment (Site 1 through x) Objective: For specific location, capture notes on current or anticipated impacts and assign scores	<ul style="list-style-type: none"> • Group works sequentially through each row in a worksheet (Guidance document Tables D-1 to D-7) to capture site specific notes • At the completion of each row in a worksheet, group assigns scores for anticipated impact and certainty <ul style="list-style-type: none"> ○ Using pre-printed score cards, individuals simultaneously expose score ○ Scores captured on interim score capture sheet ○ Ask folks providing 'outlier' scores for basis of decision ○ Allow for additional discussion (within allotted time frame) ○ Solicit 'new' scores as necessary and/or record final 80 minutes	Table D-Handout 'Marina' sheet
12:30-1:00	Lunch	30 minutes	Pre-ordered lunch and drink
1:00-2:20	Score assignment (Site 1 through x); cont...	<same as 11:10-12:30 time block> 80 minutes	
2:20-2:30	Break	10 minutes	Snack food and drinks

MULTI-DAY PROCESS

2:30-3:50	Score assignment (Site 1 through x); cont...	<same as 11:10-12:30 time block> 80 minutes	
3:50-4:00	Wrap-up Objective: Re-visit logistics question (timing and frequency of future meetings)	<ul style="list-style-type: none"> • Facilitated discussion • Address questions/concerns? 10 minutes	'Marina' sheet

Note: On day 3 of the process, it was not possible to fully complete scoring of the first site. As the information shared was generally 'new' to some or most of the participants, a great deal of discussion was necessary as each new climate/non-climate stressor interaction was introduced prior to score assignment. A greater portion of the day was focused on developing the bulleted list of potential impacts than was anticipated.

DAY 4 – SCORING

SCORING

TIME	TOPIC	FACILITATION	MATERIALS
9:00-9:20	Objectives and review of process Objective: Provide an brief overview of the meeting objectives and review process for score assignment	<ul style="list-style-type: none"> • Welcome & logistics • Objectives • Review of process used to 'capture' resource review bullets on flipcharts (Note new content) • Review of scoring levels (esp. certainty), 'ground rules', use of examples in CCVATCH Guidance • Questions? 20 minutes	Sign-in sheet Agenda w/ objectives Flipcharts with resource doc 'bullets'; handout (FlipCharts-Scoring&notes; BulletsHandout) Tape, markers
9:20-10:20	Score assignment	<ul style="list-style-type: none"> • Group works sequentially through each row in a worksheet (Guidance document Tables D-1 to D-7) to capture site specific notes • At the completion of each row in a worksheet, group assigns scores for anticipated impact and certainty 	All flipcharts CCVATCH Guidance document Resource document Random site selection Site Maps Table D-1 to D-7 hardcopy for notes

MULTI-DAY PROCESS

	Objective: For specific location, capture notes on current or anticipated impacts and assign scores	<ul style="list-style-type: none"> ○ Using pre-printed score cards, individuals simultaneously expose score ○ Scores captured on interim score capture sheet ○ Ask folks providing 'outlier' scores for basis of decision ○ Allow for additional discussion (within allotted time frame) ○ Solicit 'new' scores as necessary and/or record final <p style="text-align: right;">60 minutes</p>	<p>(TableD-Handout) Pre-printed score cards Excel spreadsheet: Interim score capture (InterimScoreCapture_v2) 'Marina' sheet</p>
10:20-10:30	Break	10 minutes	Snack food and drink
10:30-11:30	Score change/no change by site Objective: 'Stream-line' process for future scoring effort	<p><cont. w/ scoring as necessary> Stream-line scoring:</p> <ul style="list-style-type: none"> ● Re-visit resource 'bullets' to determine which (if any) would not change by site or, if change, adopt discrete scoring levels (where possible) based on site characteristics <p style="text-align: right;">60 minutes</p>	All flipcharts
11:30-12:00	Wrap-up Objective: Re-visit logistics question (who, process, and timing and frequency of future meetings)	<ul style="list-style-type: none"> ● Facilitated discussion <ul style="list-style-type: none"> ○ Break out in teams? ○ Continue with random assignment of sites (one ea. from N, C, S in order)? ○ Timing and frequency of meetings? ● Address questions/concerns? <p style="text-align: right;">30 minutes</p>	'Marina' sheet

DAY 5 – OPTIONAL ON-LINE SURVEY & DISCUSSION

To facilitate scoring, the exercise designed to streamline scoring initiated on day 4 was continued via an on-line survey [**Survey_StreamlineScoring**]. The end product of this on-line survey and follow up phone conference was the development of a scoring 'cheat sheet' that captured the full

MULTI-DAY PROCESS

set of assumptions for scoring teams to apply during score assignment [see [Scoring_CheatSheet2](#)].

DAY 6 – MULTIPLE ASSESSMENT TEAM SCORING

TIME	TOPIC	FACILITATION	MATERIALS
11:30-11:50	Objectives and review of process Objective: Provide a brief overview of agenda and meeting objectives; review process for score assignment	<ul style="list-style-type: none"> • Welcome & Logistics • Objectives • Review of process <ul style="list-style-type: none"> ○ 'ground rules' ○ team 'break-out' ○ scoring handout ○ support material ○ sites to be assessed • Questions? <p style="text-align: right;">20 minutes</p>	Sign-in sheet Agenda w/ objectives
11:50-12:30	'Working lunch' Objective: For specific locations, capture notes on current or anticipated impacts	<ul style="list-style-type: none"> • Group works in teams to capture notes on current or anticipated impacts at assigned sites (2 or more) • Opportunity to ask others in larger group for input (quick report out, info sharing) • Questions? <p style="text-align: right;">40 minutes</p>	CCVATCH Guidance document Resource document Table D-Handout Site maps RISMA site elevations
12:30-3:45	Score assignment by teams	<ul style="list-style-type: none"> • For each row in a worksheet, each team assigns scores for anticipated impact and certainty <ul style="list-style-type: none"> ○ Using pre-printed score cards, individuals simultaneously expose score ○ Scores captured on interim score capture sheet ○ Ask folks providing 'outlier' scores for basis of decision ○ Allow for additional discussion (within allotted time frame) 	CCVATCH Guidance document Resource document Site Maps Table D-Handout Scoring_CheatSheet2 Pre-printed score cards

MULTI-DAY PROCESS

	Objective: For specific location(s), assign scores	<ul style="list-style-type: none"> ○ Solicit 'new' scores as necessary and/or record final <p>3 hours and 15 minutes</p>	
3:45-4:00	<p>Wrap-up</p> <p>Objective: Determine next steps, specifically do we continue with process and additional sites?</p>	<ul style="list-style-type: none"> ● Address any 'outstanding' questions ● Assess comfort level and willingness to continue scoring independently in teams? Note: Need at least one more session for 'robustness test' ● Assign prizes and adjourn <p>15 minutes</p>	'Marina'

SINGLE DAY PROCESS

Single Day Process

The application of the CCVATCH tool to a specific habitat at one or more sites over the course of a single day presumes that the assessment team participants are fairly well versed in the potential impacts from climate and non-climate stressors as well as the selected habitats' adaptive capacity components. It also presumes that assessment team members would have reviewed general resource documents and climate projections in advance of the meeting to minimize debate/discussion time during the scoring application process. Assuming some degree of pre-meeting preparation, and a 'learn as you go' approach which requires that a facilitator with knowledge/experience in tool application is available, the process agenda for the Massachusetts application to cold water fisheries contained the following general components:

- Provide an brief overview of the CCVATCH tool;
- Introduction to specific sites to be assessed;
- Review of climate predictions and select appropriate time frame for scoring;
- Generation of bulleted list of impacts to aid in scoring;
- Set 'ground rules'; and
- Assign scores to individual sites.

PRE-MEETING PREP

In advance of the in-person full day meeting, the team lead distributed a draft bulleted list of potential impacts as well as climate projections for each of three timeframes to assessment team members for their review. Assessment team members were also tasked to contribute additional potential impacts for inclusion during the meeting.

SINGLE DAY TOOL OVERVIEW AND SCORING

TOOL OVERVIEW AND SCORING

TIME	TOPIC	FACILITATION	MATERIALS
9:00-9:10	Review Agenda & Objectives Objective: Provide an brief overview	<ul style="list-style-type: none">• Welcome & logistics• Objectives• Review of Agenda• Questions?	Sign-in sheet Agenda w/ objectives Tape, markers

SINGLE DAY PROCESS

	of the meeting objectives and agenda		
		10 minutes	
9:10-9:20	Participant Introductions Objective: Learn about expertise related to the habitats and locations selected for the process	<ul style="list-style-type: none"> Participants each have 1 minute to provide background / management interests 	
		10 minutes	
9:20-9:35	Introduction to CCVATCH Tool Objective: Group has a preliminary understanding of the CCVATCH process	<ul style="list-style-type: none"> Brief overview of CCVATCH tool components and what it is designed for 	PPT presentation (CCVATCHOverview_Waquoit)
		15 minutes	
9:35-9:45	Site Introductions Objective: Participants become familiar with sites to be scored	<ul style="list-style-type: none"> Brief overview of two primary streams; commonalities, differences Participants add more details, if known 	Maps / descriptions of sites
		10 minutes	
9:45-9:55	Climate Projections Objective: Group comes to agreement on climate change projections to be used (which model for predictions) and time frame for scoring	<ul style="list-style-type: none"> Overview of model choices (high, intermediate, low) or if available, specific projections from state planning documents Discuss and agree on projections, time frame that is most appropriate for management (& scoring) 	Projected climate change information for MA (from USGS Climate Viewer or state docs) Handout on projections
		10 minutes	
9:55-10:25	State of the Science Objective: Participants	<ul style="list-style-type: none"> Process for 'capturing' resource review bullets on flipcharts Participants add bullets to climate/non-climate interactions; also, clarifications, question marks if appropriate 	Large scale worksheets on wall/easels with markers (ColdWaterSheet)

SINGLE DAY PROCESS

	individually go over worksheets and add knowledge		30 minutes
10:25-10:35	Break		10 minutes
10:35-10:50	Scoring Process & Ground Rules Objective: Brief review of scoring process and decide on ground rules for addressing disagreement	<ul style="list-style-type: none"> • Brief overview of how CCVATCH scoring works, resources available • Facilitated discussion <ul style="list-style-type: none"> ○ What process will we use if the group can't agree on a score? <ul style="list-style-type: none"> ▪ Discuss/consensus ▪ Majority vote ▪ Average score ○ How long do we want to work toward a decision? 	CCVATCH Guidance document Table 1 handout Worksheets on wall / easels Flipchart for capturing ground rules 15 minutes
10:50-12:00	CCVATCH Scoring – Sensitivity-Exposure part 1 Objective: Participants review bullets (captured earlier) and apply current condition, sensitivity-exposure, and certainty scores to each of two sites	<ul style="list-style-type: none"> • Group works sequentially through each row in a worksheet (Guidance document Tables D-1 to D-7) to capture site specific information. • At the completion of each row in a worksheet, group assigns scores for anticipated impact and certainty <ul style="list-style-type: none"> ○ Using pre-printed score cards, individuals simultaneously expose score ○ Scores captured on interim score capture sheet ○ Ask folks providing 'outlier' scores for basis of decision ○ Allow for additional discussion (within allotted time frame) ○ Solicit 'new' scores as necessary and/or record final 	All flipcharts CCVATCH Guidance document Excel scoring worksheet Maps / descriptions of sites Table D-Handout for notetaking Pre-printed score cards Excel worksheet for interim score capture – allows averaging (InterimScoreCapture_v2) 'Marina' sheet 'Data Gaps' sheet 70 minutes
12:00 - 12:30	Lunch	(Jim)	30 minutes Food and drinks
12:30-2:30	CCVATCH Scoring – Sensitivity-Exposure part 2	<i>See above description (for part 1)</i>	<i>See above description (for part 1)</i> 120 minutes
2:30-2:40	Break		10 minutes

SINGLE DAY PROCESS

<p>2:40-3:40</p>	<p>CCVATCH Scoring – Sensitivity-Exposure part 3</p>	<p><i>See above description (for part 1)</i></p> <ul style="list-style-type: none"> • Group may elect to focus on specific interactions during this time block <p style="text-align: right;">60 minutes</p>	<p><i>See above description (for part 1)</i></p>
<p>3:40-4:30</p>	<p>CCVATCH Scoring – Adaptive Capacity</p> <p>Objective: Participants review bullets (captured earlier) and apply adaptive capacity and certainty scores to each of two sites</p>	<ul style="list-style-type: none"> • Group works through adaptive capacity section • At the completion of each row, group assigns scores for anticipated impact and certainty <ul style="list-style-type: none"> ○ Using pre-printed score cards, individuals simultaneously expose score ○ Scores captured on interim score capture sheet ○ Ask folks providing ‘outlier’ scores for basis of decision ○ Allow for additional discussion (within allotted time frame) ○ Solicit ‘new’ scores as necessary and/or record final • Focus on management actions, institutional / human response <p style="text-align: right;">50 minutes</p>	<p>All flipcharts CCVATCH Guidance document Excel scoring worksheet Maps / descriptions of sites Table D-1 to D-7 hardcopy for notes Pre-printed score cards Excel spreadsheet: Interim score capture (for averaging) ‘Marina’ sheet ‘Data Gaps’ sheet</p>
<p>4:30-4:45</p>	<p>CCVATCH Vulnerability Score and Management Implications</p> <p>Objective: Participants translate results of scoring effort into real-world management decisions</p>	<ul style="list-style-type: none"> • Reveal vulnerability ranking based on score input • General discussion regarding what this ranking may imply for future funding / research opportunities <p style="text-align: right;">15 minutes</p>	<p>Excel scoring worksheet ‘Data Gaps’ sheet</p>
<p>4:45-5:00</p>	<p>Wrap-Up</p> <p>Objective: Address any outstanding questions and determine if next steps are required</p>	<ul style="list-style-type: none"> • Address questions / concerns on ‘Marina’ sheet • Next steps (additional habitats, sites)? • Workshop Evaluation <p style="text-align: right;">15 minutes</p>	<p>‘Marina’ sheet Evaluation handout</p>

SUPPLEMENTAL MATERIALS

Supplemental Materials

[Note: All of the following are available on the www.ccvatch.com website in the Resources/Project Planning section]

PRESENTATIONS

- [CCVATCHOverview NE Project](#)
- [Pre-Meeting Refresher](#)
- [CCVATCHOverview Waquoit](#)

HANDOUTS

- [DiscussionPts](#)
- [ResourceBulletScratchpad](#)
- [Climate Predictions](#)
- [SLR RhodeIsland](#)
- [TableD-Handout](#)
- [BulletsHandout](#)
- [Scoring CheatSheet2](#)

FLIPCHARTS

- [FlipCharts-PreMeeting](#)
- [FlipCharts-Scoring](#)
- [FlipCharts-Scoring¬es](#)
- [ColdWaterSheet](#)

SPREADSHEETS

- [HabitatTally](#)
- [InterimScoreCapture v2](#)

EXAMPLE ON-LINE SURVEY

- [Survey StreamlineScoring](#)