

NERRS Science Collaborative Project:

Assessing how climate change will affect coastal habitats in the Northeast

Available: October 2017

EXAMPLE PROCESS AGENDAS

FOR MULTI- AND SINGLE DAY
CCVATCH SCORING APPLICATIONS

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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, should provide a better understanding of how the tool may be applied over a single or multiple day process. The length of time allocated to this process will be a function of how familiar project participants are with the available data and literature related 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, indicated by bold text within the process agenda materials lists, and in the last section of this document.

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 in which the RI project team engaged included the following:

- 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 selection of appropriate time frame for scoring;
- Streamline of scoring process by considering potential triggers that would make the assignment of scores different for individual sites; and
- Assignment of 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 have 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.

As noted in the CCVATCH Guidance, a facilitator is critical to this process, particularly during discussions regarding logistics, the identification of data gaps and potential impacts, and early efforts at score assignment. The facilitator is not required to have experience in the use of the CCVATCH tool (although someone should be present who is familiar with the CCVATCH Guidance document to address specific questions regarding the mechanism of score calculations, etc.); however, the facilitator should definitely not be a member of the assessment team so they may remain neutral and unbiased to better facilitate the discussion. In the multi-day process outlined below the role of facilitator and the project lead (a person well-versed in use of the CCVATCH tool) were two separate individuals. In the single-day process that follows, those roles were filled by a single individual.

Notes capture during discussions is also an important component of this process, whether it occurs over the course of a single or multiple days) and can be undertaken by the facilitator or any

MULTI-DAY PROCESS

member of the assessment team. Notes should include information about current habitat condition, potential interactions of climate and non-climate stressors, and other rationale that are drivers of score assignment. Capturing complete notes serves to refresh the assessment team about main points considered during prior and current score assignment and aids in later decision-making. Appendix D of the CCVATCH Guidance document provides further supplemental material to support CCVATCH process facilitation.

If you have additional questions, please contact Jen West (Narragansett Bay National Estuarine Research Reserve, Coastal Training Program Coordinator; jennifer@nbnerr.org).

DAY 1 – PROJECT PLANNING

Total time: 2 hours

PROJECT PLANNING

TIME	TOPIC	FACILITATION	MATERIALS
9:00-9:10	<p>Introductions</p> <p>Objective: Launch the meeting and get folks comfortable</p>	<ul style="list-style-type: none"> Welcome & logistics Round the room – name and organization <p style="text-align: right;">10 minutes</p>	Sign-in sheet
9:10-9:45	<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 (MD_ParticipantAgendas)</p> <p>PPT presentation (CCVATCHOverview_NE_Project part 1)</p> <p>CCVATCH Guidance Document</p>
9:45-9:55	<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>
9:55-10:05	Break	10 minutes	
10:05-10:35	Facilitated discussion: Planning for application of CCVATCH in RI	<ul style="list-style-type: none"> Individuals complete discussion points handout (multi-voting) 	<p>Discussion Points handout (DiscussionPts)</p> <p>Excel spreadsheet with</p>

MULTI-DAY PROCESS

	<p>Objective: Decide which habitats should be assessed and the geographic distribution of those selected</p>	<ul style="list-style-type: none"> • 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>habitats (on-screen) (HabitatTally) Word document for 'Marina' items</p>
<p>10:35-10:50</p>	<p>Facilitated discussion: Project logistics</p> <p>Objective: Consider the types of choices necessary for pulling this off</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 style="text-align: right;">15 minutes</p>	<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 ○ Resource document build-out & sharing <p>(CCVATCHOverview_NE_Project part 3)</p> <p>Word document for 'Marina' items</p>
<p>10:50-11:00</p>	<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>	<p>Habitat assessment team sign-up sheet</p>

MULTI-DAY PROCESS

DAY 2 – ID DATA/INFORMATION NEEDS

Total time: 3 hours

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 process for capturing data / information needs</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 Questions? <p style="text-align: right;">10 minutes</p>	<p>Agenda (MD_ParticipantAgendas)</p> <p>PPT presentation with list of climate and non-climate stressors, adaptive capacity components; objectives; types of data sources (Pre-Meeting_Refresher)</p> <p>Printed index cards with stressors and adaptive capacity components (for random assign.)</p>
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</p> <p>Draft Resource document ‘Marina’ sheet</p>
1:45-2:15	<p>Capture data / information needs for 2nd of 2 stressor groups</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 	<p>Pre-printed flipcharts for stressor group 2 of 2 (FlipCharts-PreMeeting)</p> <p>CCVATCH Guidance document</p> <p>Draft Resource document</p>

MULTI-DAY PROCESS

	Objective: First crack at capturing data / information needs (and sources) for second stressor group	<ul style="list-style-type: none"> 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>30 minutes</p>	'Marina' sheet
2:15-2:30	Capture data / information needs for adaptive capacity components Objective: First crack at capturing data / information needs (and sources) for adaptive capacity	<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>15 minutes</p>	Pre-printed flipcharts for adaptive capacity (FlipCharts-PreMeeting) CCVATCH Guidance document
2:30-2:45	Break	15 minutes	Snack food and drinks
2:45-3:45	Facilitated discussion: Flip-chart data needs capture review and participant assignments Objective: Review data needs and determine if available/accessible and if not solicit additional input; volunteer assignment	<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>	Completed flip charts Sign-up sheet for review of data / expert elicitation 'Marina' sheet
3:45-4:00	Facilitated discussion: Project logistics Objective: Consider next steps and best format for	<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 	'Marina' sheet

MULTI-DAY PROCESS

	scheduled scoring assignment meetings	<ul style="list-style-type: none"> Resource document build-out and sharing (e.g. dropbox, etc.) <p style="text-align: right;">15 minutes</p>	
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DAY 3 – INTRODUCTION TO SCORING (WITH LOGISTICS)

Total time: 7 hours

INTRODUCTION TO SCORING (WITH LOGISTICS)

TIME	TOPIC	FACILITATION	MATERIALS
9:00-9:15	<p>Objectives and process description</p> <p>Objective: Provide a brief overview of the meeting objectives and planned process for resource review capture & score assignment</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; adaptive capacity component Questions? <p style="text-align: right;">15 minutes</p>	<p>Sign-in sheet</p> <p>Agenda</p> <p>(MD_ParticipantAgendas)</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 style="text-align: right;">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 style="text-align: right;">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>

MULTI-DAY PROCESS

<p>10:00-10:20</p>	<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 style="text-align: right;">20 minutes</p>	<p>Pre-printed flipcharts (FlipCharts-Scoring)</p> <p>CCVATCH Guidance document Draft Resource document Climate Predictions SLR_Rhodelsland USGS Climate Summary ‘Marina’ sheet</p>
<p>10:20-10:50</p>	<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 style="text-align: right;">30 minutes</p>	<p>CCVATCH Guidance document</p>
<p>10:50-11:00</p>	<p>Break</p>	<p style="text-align: right;">10 minutes</p>	<p>Snack food and drinks</p>
<p>11:00-11:10</p>	<p>Review of captured bullets</p> <p>Objective: Provide group an opportunity to review all bullets captured earlier and add/edit bullets</p>	<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) <p style="text-align: right;">10 minutes</p>	<p>Completed flip charts Sign-up sheet for review of data / expert elicitation ‘Marina’ sheet</p>
<p>11:10-12:30</p>	<p>Score assignment (Site 1 through x)</p>	<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 	<p>Table D-Handout ‘Marina’ sheet</p>

MULTI-DAY PROCESS

	Objective: For specific location, capture notes on current or anticipated impacts and assign scores	<ul style="list-style-type: none"> ○ 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;">80 minutes</p>	
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
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? <p style="text-align: right;">10 minutes</p>	'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 (PART 2)

Total time: 3 hours

SCORING (PART 2)

TIME	TOPIC	FACILITATION	MATERIALS
9:00-9:20	Objectives and review of process	<ul style="list-style-type: none"> ● Welcome & logistics ● Objectives 	Sign-in sheet Agenda

MULTI-DAY PROCESS

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
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DAY 5 – OPTIONAL ON-LINE SURVEY & DISCUSSION

Total time: 2 hours

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

DAY 6 – MULTIPLE ASSESSMENT TEAM SCORING

Total time: 4.5 hours

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 (MD_ParticipantAgendas)
11:50-12:30	'Working lunch'	<ul style="list-style-type: none"> • Group works in teams to capture notes on current or anticipated impacts at assigned sites (2 or more) 	CCVATCH Guidance document Resource document

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:

- Brief overview of the CCVATCH tool;
- Introduction to specific sites to be assessed;
- Review of climate predictions and selection of appropriate time frame for scoring;
- Generation of bulleted list of impacts to aid in scoring;
- Setting of 'ground rules'; and,
- Assignment of 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

Total time: 8 hours

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 (SD_ParticipantAgenda) 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) <i>or</i> 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? 	15 minutes	CCVATCH Guidance document Table 1 handout Worksheets on wall / easels Flipchart for capturing ground rules
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 	70 minutes	All flipcharts CCVATCH Guidance document Excel scoring worksheet Maps / descriptions of sites Table D-Handout for notetaking Pre-printed score cards (see Score_Cards) Excel worksheet for interim score capture – allows averaging (InterimScoreCapture_v2) 'Marina' sheet 'Data Gaps' sheet
12:00 - 12:30	Lunch		30 minutes	Food and drinks
12:30-2:30	CCVATCH Scoring – Sensitivity-Exposure part 2	<i>See above description (for part 1)</i>	120 minutes	<i>See above description (for part 1)</i>
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>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>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 (see 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>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>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

- [MD ParticipantAgendas](#)
- [DiscussionPts](#)
- [ResourceBulletScratchpad](#)
- [Climate Predictions](#)
- [SLR RhodeIsland](#)
- [TableD-Handout](#)
- [BulletsHandout](#)
- [Scoring CheatSheet2](#)
- [Score Cards](#)
- [SD ParticipantAgenda](#)

FLIPCHARTS

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

SPREADSHEETS

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

EXAMPLE ON-LINE SURVEY

- [Survey StreamlineScoring](#)