Date: August 6, 2025

Location: IMRC Center 101, University of Maine

Process Agenda: Penobscot River Modeling Workshop

**Main Facilitators**

* Vanessa Quintana
  + Lead participants through modeling
* Gayle Zydlewski
  + Keep participants on task (remediation tangents)
  + Redirect participants
* Katrina Armstrong
  + Keep workshop on time

**Workshop Volunteers**

* Kay Zipp
  + Bioaccumulation discussion
  + Foraging discussion
  + Lots of notes
* Joe Del Russo
  + Osmoregulation discussion
  + Spawning discussion
  + Lots of notes
* Katherine Daza
  + Thermoregulation discussion
  + Predation discussion
  + Lots of Notes
* Nalika Lakmali
  + Help set up lunch
  + Migration discussion
  + Resting discussion
  + Lots of notes
* Cristian Rojas
  + Help set up lunch
  + Lots of notes
* Nick Cyr
  + Take lots of notes
  + Pictures throughout the workshop
    - (at least 1 picture per activity)
* Saba Molaei
  + Help set up lunch,
  + Take pictures throughout the workshop
    - (at least 1 picture per activity)

| Process Agenda 7/06/2025 | | | | | |
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| **Time** | **Activity** | **Purpose/Process** | **Facilitator** | **Room** | **Materials** |
| **7:00-8:30am** | **Set-up** | Check room organization and run through materials | Vanessa | IMRC 112 | Folding tables, table clothes, fun swag stuff, participant folders, participant list. |
| **8:30-9:00am** | **Coffee & Snacks** | Give participants time to get oriented, check-in participants and give folder | Saba, Nick,, Cristian, Joe, Kay, Nalika, Katherine | IMRC 112 | Coffee, snacks, cups, napkins, plates, water, wifi password, participant folders (**see folder materials list**)   * Participants can pin locations on system map |
| **9:00-9:30am** | **Welcome & Introduction** | Welcome, Blessing or Land Acknowledgement | Vanessa & Gayle  Chuck Loring | IMRC 112 | * Welcome everyone, thank everyone for coming and introducing why they are here. * Thank the Penobscot Nation for their support with the workshop and let Chuck say a few words |
|  |  | Introductions & Ice breaker | Katrina | IMRC 112 | System Map, ice breaker activity   * Why are they attending the workshop? * What do they hope to get out of this experience? |
| **9:30-10:00am** | **Penobscot Nation History** | Orient workshop participants on the cultural connections of Penobscot and challenges | Dan Kusnierz and Katrina | Auditorium | Presentation set-up |
| 9:30am-9:55am | **Presentation** | Provide a cultural reference of the system | Dan Kusnierz | Auditorium | Presentation, microphone |
| 9:55-10:00am | **Q&A** | Keep workshop on time | Katrina | Auditorium | Notes, time cards |
| **10:00-10:20am** | **Research Overview** | Orient participants on Modeling set-up | Vanessa and Katrina | Auditorium | Research overview presentation |
| 10:00-10:15am | **Presentation** | Provides Overview of Model Set-Up | Vanessa | Auditorium | Presentation, microphone |
| 10:15-10:20am | **Q&A** | Keep workshop on time | Katrina | Auditorium | Notes, time cards |
| **10:20-10:30am** | **Break** | Keep workshop on time | Katrina | IMRC 112 |  |
| **10:30-11:15am** | **Agent-Based Modeling Presentation** | Showcase ABMs, emergent behaviors, validation | Vanessa, Katrina, and Gayle | Auditorium | ABM Presentation  **(Someone should be setting up lunch in IMRC 112 during this)** |
| 10:30-10:50am | **Presentation** | Agent-Based Models | Vanessa | Auditorium | Presentation & Microphone |
| 10:50-11:15am | **Q&A** | Provide guiding questions, and Keep workshop on time | Katrina and Gayle | Auditorium | Prepared questions |
| 10:30-11:15am | **Set-up Lunch** | Prepare lunch for participants | Nick, Saba, Cristian | IMRC 112 | Nicholas Quintana will bring lunch, who will help set up ? |
| 10:50am-11:30pm | **Set-up break out groups** | Prepare for breakout groups | Kay, Joe, Nalika, Katherine | IMRC 112 | Discussion presentations, Printed output handouts, note paper, easel pads (**1 for each discussion**), pens, pencils **(do we need HDMIs?)** Discussion group list and order |
| **11:15-11:30am** | **Set-Up Discussion** | Get participants thinking about species specifics and discussion format | Vanessa & Katrina | Auditorium | Menti Presentation, maybe a paper version in case people are less tech-savvy. |
| 11:15-11:25am | **Menti-Questionaire** | Narrow down species, and behaviors of interest | Vanessa | Auditorium | Participants need cell phone |
| 11:25-11:30am | **Introduce Discussion** | Set up Discussion format | Katrina | Auditorium | Talk about World Cafe, discussion order (in participant folder)   * “You should have gotten something like this [] in your folder. That will be the order of breakout groups you can follow for the discussion…” |
| **11:30-12:00pm** | **Lunch** | Feed participants | Vanessa | IMRC 112 | Napkins, drinks, plates, cutlery |
| **12:00-1:35pm** | **Internal Fish Processes** | Internal fish processes | Kay, Joe, Nalika, Katherine | IMRC 112 | Pens, pencils, printed handouts, Discussion group list and order |
| 12:00-1:35pm | **Break out groups** | Internal fish processes | Vanessa & Katrina | IMRC 112 | Walk around answering questions if needed, and keep breakout groups on time, Provide halfway, 5-minute, and 1-minute reminders. |
| 1:35-1:40pm | **Discussion** | Share discussion findings | Kay, Joe, Nalika, Katherine | IMRC 112 | Discussion leaders will choose 2-3 key findings to share from each discussion |
| **1:40-1:50pm** | **Break** | Keep workshop on time | Katrina | IMRC 112 |  |
| **1:50-3:05pm (extra Behavior)**  **1:50-2:50pm**  **(4 rounds)** | **Break out groups** | External fish processes | Kay, Joe, Nalika, Katherine | IMRC 112 | Discussion presentations, Printed output handouts, note paper, easel pads (**1 for each discussion**), pens, pencils, Discussion group list and order |
| 1:50-3:05pm | **Break out groups** | External fish processes | Vanessa & Katrina | IMRC 112 | Walk around answering questions if needed, and keep breakout groups on time, Provide halfway, 5-minute, and 1-minute reminders. Discussion group list and order |
| 3:05-3:10pm | **Discussion** | Share discussion findings | Kay, Joe, Nalika, Katherine | IMRC 112 | Discussion leaders will choose 2-3 key findings to share from each discussion |
| **3:10-3:20pm** | **Wish List of Outputs** | Participants can request outputs of interest | Vanessa & Katrina | IMRC 112 | Notecards, and expo markers, participants |
| **3:20-3:30pm** | **Break** | Keep workshop on time | Katrina | IMRC 112 |  |
| **3:30-4:00pm** | **Building Partnerships** | Foster relationship building | Gayle and Katrina | Auditorium | System map, with guided questions to start the relationship building.   * What projects are people working on? How can we help? * Tribal Management Concern? * ESA Consultation? * Remediation Plan? * Post-Workshop Contact List? |
| 3:30-4:00pm | **Prepare Demo** | Prepare model demo | Vanessa | Auditorium | Showcase simulations for some of the behaviors we’ve been discussing today |
| **4:00-4:10pm** | **Wrap-up** | Recap of what we did & what we learned, and going forward, thank everyone for their time and effort | Vanessa & Gayle | Auditorium |  |
| **4:10pm** | **Feedback** | Collect feedback and follow-up information | Katrina | Auditorium | Feedback forms should be in participant folders   * Feedback * Media release |
| **4:10-4:40pm** | **Adjourn & Cleanup** | Thank everyone for coming, and clean up workshop | Vanessa | Auditorium and IMRC 112 | Thank-you materials for volunteers, trashbags for clean-up, and collecting all workshop notes. |