Meeting August 20 and 21, 2009 in RTP (2 days)

# CASTNET Workshop Agenda

**Purpose of the workshop:**

The purpose of this workshop is to provide input to EPA and the National Park Service (NPS) on modernizing CASTNET's monitoring approach that reflects advances in monitoring technology and assessment needs.

**Wednesday August 19<u>th</u>**

**5:30 – 6:30    Poster session and happy hour (location, Wyndham Hotel, 4620 S. Miami Blvd, Durham, NC 27703)**
- Presentations on relevant monitoring technology and approaches especially encouraged.
- Posters can also be viewed during the remainder of the workshop.

**Thursday August 20<u>th</u>**

**8:00 – 8:30    Registration**

**8:30 – 8:45    Welcome and Introductions (GB/VB)**

**8:45 – 9:00    Purpose and overview of the workshop (VB)**

**9:00 – 10:00   Overview of CASTNET** (10 min each)
- Background and objectives of CASTNET (GL)
- EPA program assessment (RH)
- NPS program assessment (JR/KM)
- Model uses and evaluation (RD/DS)

**10:00 – 10:15 Break**

**10:15 – 11:00 Plenary Introduction to Breakout Session #1** (GL)
   **1)** Objectives:
- Recommend how CASTNET monitoring could better address contemporary assessment needs. Constraint:  Optimize the value of CASTNET by balancing disparate goals/objectives within a realistic budget.
- Identify additional monitoring that should be integrated into CASTNET
   - Describe objectives of additional monitoring.
   - Identify parameters/species to be monitored and how and where they should be monitored.

- Select one or more topics for group to consider in Breakout Session #2 (see handout).
2) Tools for session (GB/BL)
    - Overview of some possible monitoring technologies and their costs
    - Explanation of network design tool
    - Introduction of three straw man scenarios

**11:00 – 12:00 Breakout Group Session #1 Discussion**
- Describe emphasis, priorities and rationale for optimized network
- Report results of the network design tool
- Identify any unresolved issues or concerns with implementing design
- If a change in network configuration is recommended, what criteria should be used in eliminating, moving or adding sites?
- Recommendations for specific topics to be discussed in Breakout Session #2

**12:00 -1:00    Lunch**

**1:00 – 1:15    Plenary Session**
- Answer any questions, discuss problems or barriers to proceeding.

**1:15 – 2:00    Breakout Group Session #1 Discussion**, continued

**2:00 – 3:00    Breakout Group Session #1 Session Summary**

**3:00 – 3:15    Break**

**3:15 – 4:30    Breakout Group Reports to Full Workshop (10 mins per group)**

**4:30 – 5:30    Synthesis of Results and Recommendations (organizers/group leaders)**
- What are consensus elements of breakout group network designs?
- What parameters are the most important to measure?
- Are there certain elements that we agree CASTNET must have?
- Outline a reasonable ballpark network configuration.

**Friday August 21<sup>st</sup>**

**8:30 – 8:45    Summary synthesis of results and recommendations (VB)**
**8:45 – 10:00   Final discussion and CASTNET strategy recommendation**
- Consensus recommendation statement.
- Minority recommendation statements.
- Finalizing any additions to the network following consensus.
- Informal response by CASTNET team to the recommendations.

**10:00 – 10:30 Plenary Session #2 – Building on the Foundation** (GL/VB/GB)
- Assignment of questions

**10:30 – 12:00 Breakout Group Session #2 – Building on the Foundation**
- Answering the questions

**12:00 – 1:00  Lunch**

**1:00 - 2:00      Breakout Group Session #2 Reports** (10 minutes per group)

**2:00 - 2:30      Discussion and Recommendations**

**2:30-3:00        Wrap-up and final summary**