Management Track Assessment Community Input Topics

The Northeast Fisheries Science Center seeks on-the-water observations about changes in fisheries that may affect the upcoming <u>management track assessments</u>. Input on the five topic areas below may help guide development of the assessment and improve our scientists' understanding of what is happening on the water.

Fishing Dynamics and Management

- Have there been changes in effort and/or fishing techniques used to target the stock?
- Do you think discards are under- or over-estimated? If so, why?
- Are there any market patterns driving fishing patterns in recent years?
- Is enforcement of fishing regulations effective? If not, why?

Stock Distribution

- Have there been recent changes in the timing that you're seeing fish in usual locations?
- Have there been recent changes in the locations that you're seeing fish?
- Have you noticed any changes in movement or migration patterns for the stock?
- Have you seen larger or smaller fish in areas that is not typical?
- Have there been recent changes in the depths that you're seeing fish?

Stock Biology

- Are you seeing changes in the condition or health of fish?
- Are you seeing fish that are larger or smaller than typical?
- Are there changes to the timing and location of spawning compared to what you're used to seeing?
- Are you seeing any notable patterns in recruitment?

Ecosystem Interactions

- Are you seeing 'fatter' or 'skinnier' fish more than usual?
- Have you noticed any changes in what fish are eating?
- Are you noticing other changes that indicate shifts in predator/prey dynamics for the stock?

Other Topics

- Do you have other information that might be helpful to the Management Track Assessment?
- Do you know of a data source that could help resolve known uncertainties in the assessment?
- Does the trend in population size from the <u>most recent assessment</u> match your perception of the stock? If not, why do you think that might be so?