



**Earth System Research Laboratory**  
*SCIENCE, SERVICE & STEWARDSHIP*

# Climate Change in the Arctic: A Bellwether for the Planet

***Tanel Uttal – Session Chair***

*NOAA Earth System Research Laboratory  
ESRL Dedication and Open House  
August 23-24, 2006*



# Bellwether:

**Bellwether (1)** - One that serves as a leader or as a leading indicator of future trends

**Bellwether (2)** - Sheep that leads the herd often wearing a bell



# Inuksuk:

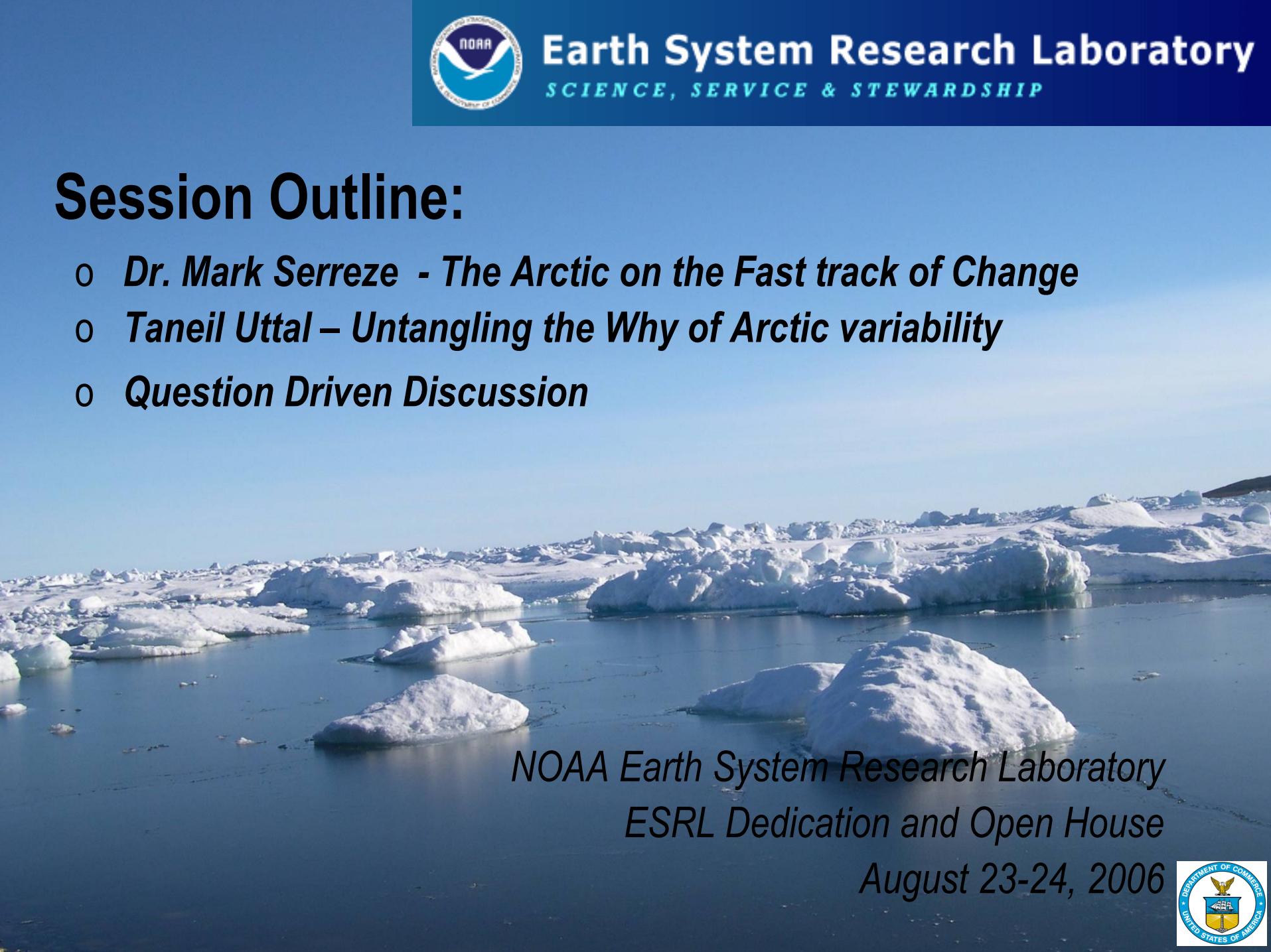
A stone landmark used as a milestone or directional marker





# Session Outline:

- o *Dr. Mark Serreze - The Arctic on the Fast track of Change*
- o *Tanel Uttal – Untangling the Why of Arctic variability*
- o *Question Driven Discussion*

A wide-angle photograph of a Arctic landscape, likely the Arctic Ocean or a large lake. The foreground is filled with numerous small, white icebergs of various sizes. In the background, there are larger, more rugged icebergs and snow-covered land under a clear blue sky.

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