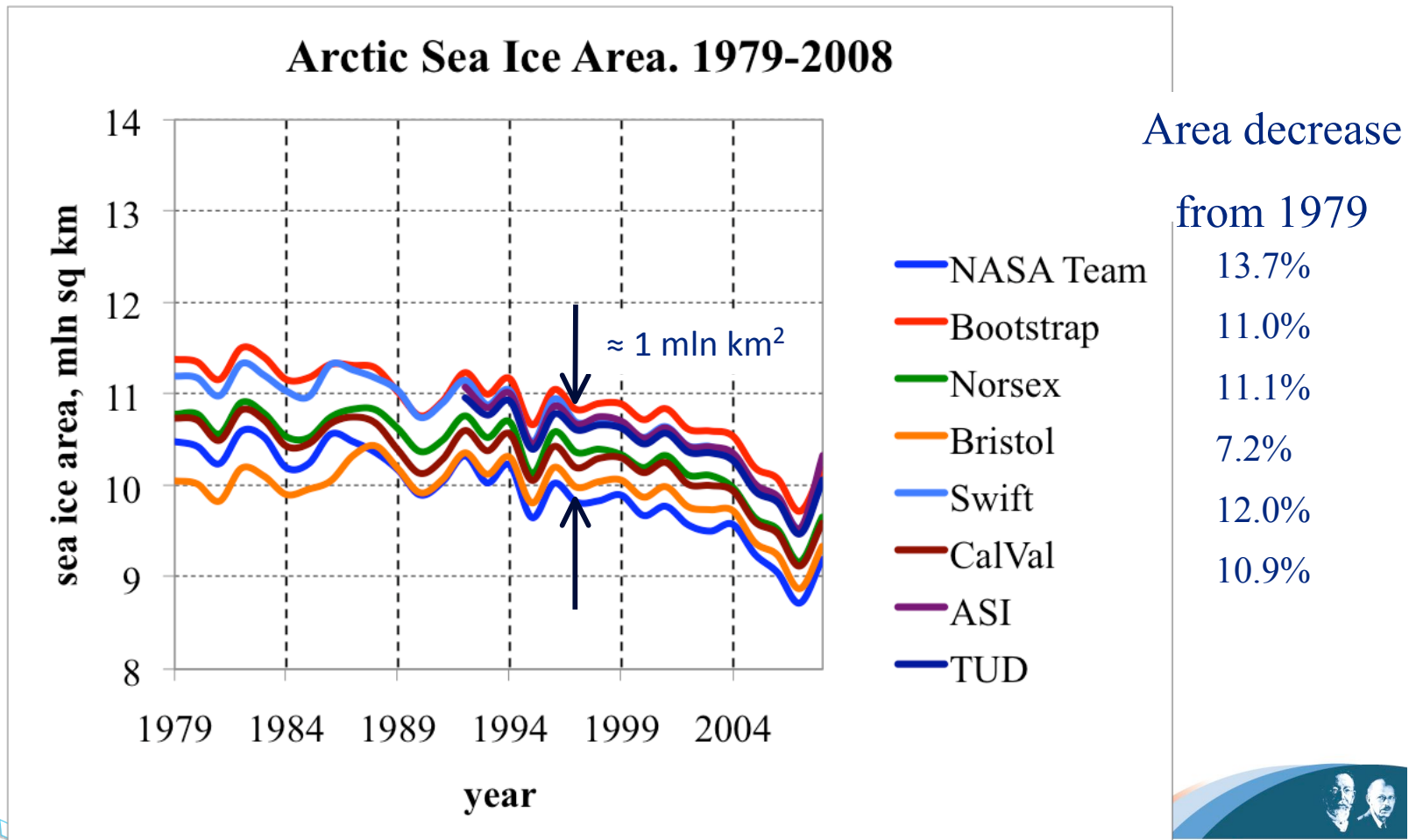


# Arctic Sea Ice Variability by Satellite Passive Microwave Sensors: Sea Ice Algorithms Comparison

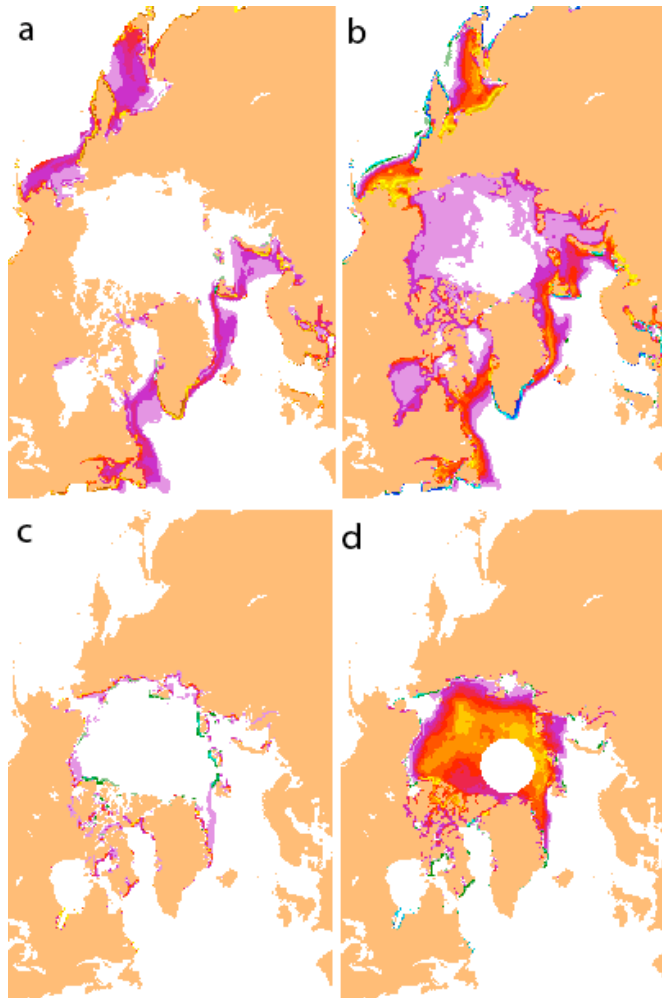
N. Ivanova and O. M. Johannessen



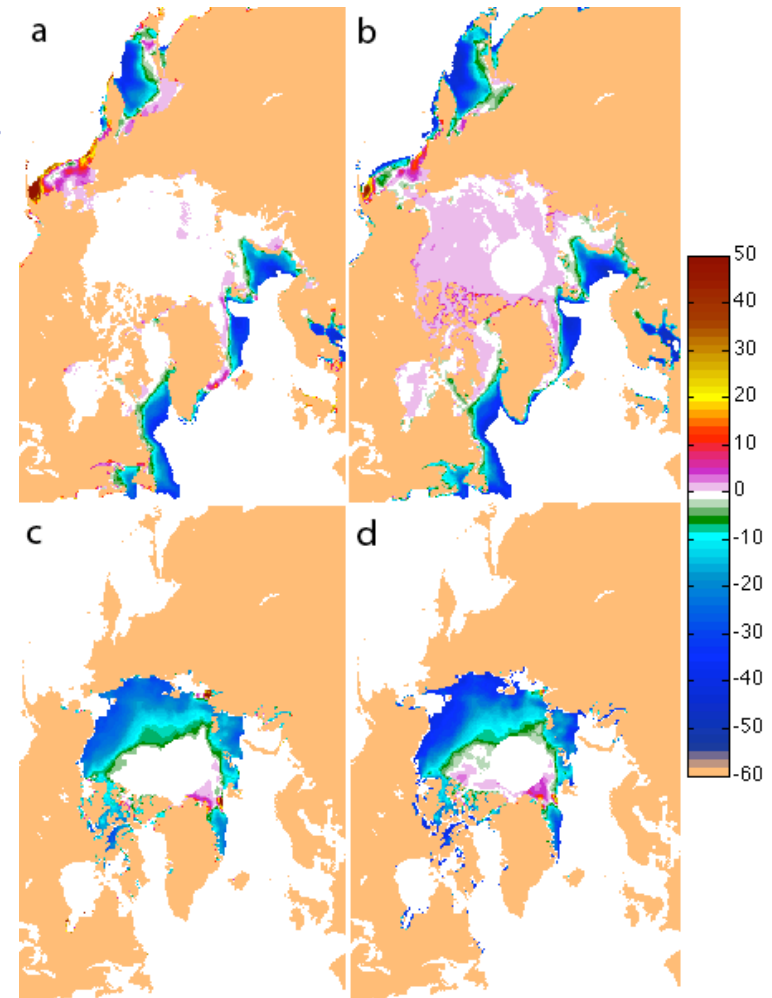
Arctic sea ice decrease from 1979: 0.7 – 1.4 million km<sup>2</sup>

# Spatial differences between algorithms

## Differences in sea ice concentration



## Sea ice concentrations linear trends: total change from 1979 to 2008 in % of 1979 value



Umass-AES – Norsex

Norsex – NASA Team



Norsex

NASA Team

