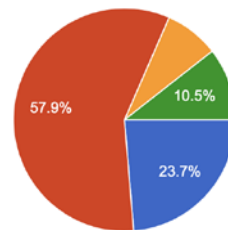# Metrics Workshop Survey 1 Seasonal

15 December 2020

Tara Jensen, Geoff Manikin, Burkely Gallo, Jack Settelmaier, Linden Wolf, Sarah Lu, Deepthi Achuthavarier, Cristiana Stan, Yan Xue and UFS V&V AT

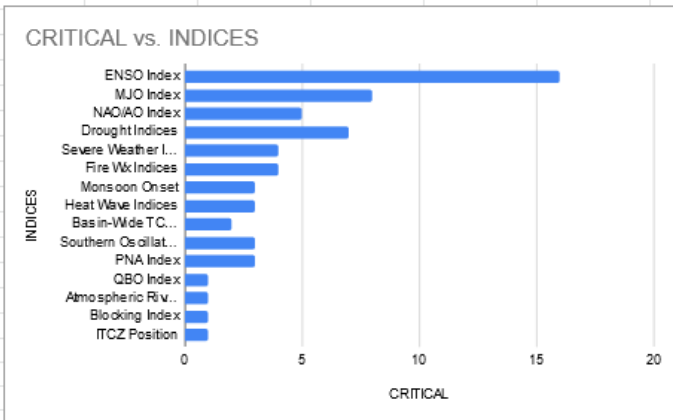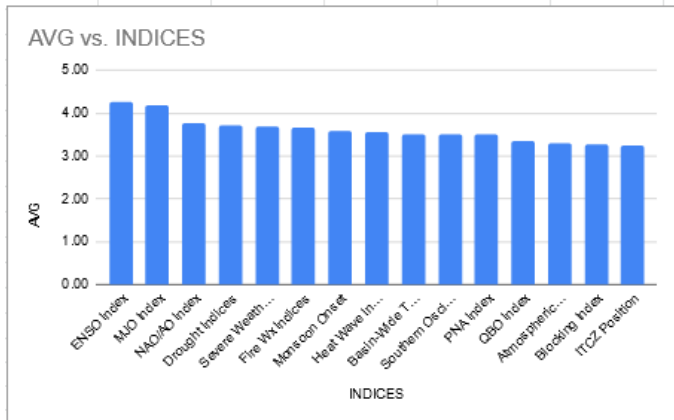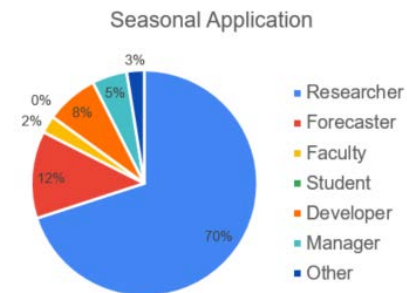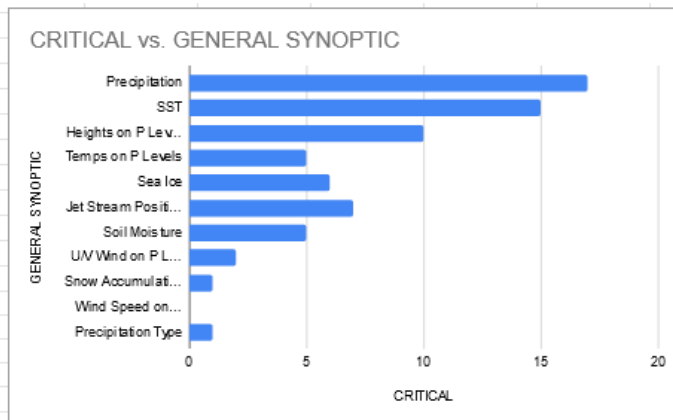# Seasonal Application (38 responses)

Top 3 fields for each subsection (mean rating; number of criticals)

- General Synoptic (33 responses):
    1. Precipitation (4.41; 17)
    2. SST (4.24; 15)
    3. Geopotential Heights on Pressure Levels (4.16; 10)

- Seasonal Indices (31 responses):
    1. ENSO Index (4.27; 16)
    2. Drought Indices (4.16; 7)
    3. MJO Index (3.76; 8)
    4. NAO/AO Index (3.76; 5)

Seasonal Application, cont.

AVG vs. GENERAL SYNOPTIC

CRITICAL vs. GENERAL SYNOPTIC

AVG vs. INDICES

CRITICAL vs. INDICES

Seasonal Application

- Researcher
- Forecaster
- Faculty
- Student
- Developer
- Manager
- Other
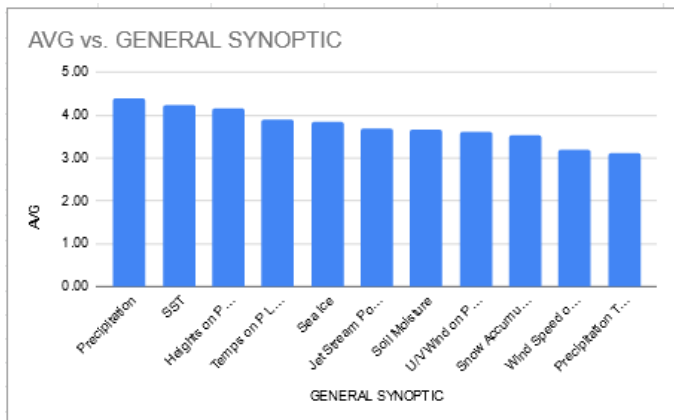
Seasonal Application, cont.

- Additional Fields: (* denotes more than one mention)
    - Synoptic: soil temperature*, sfc temperature*, precip and temperature anomalies*, multiple marine parameters, storm tracks, greenness fraction, PW
    - Indices: OLR Index, MJO propagation, Indian Ocean Dipole Index

- Key Takeaways
    - For synoptic, the top three stood out very cleanly
    - For indices, the top choice was very obvious, and it was fairly clear for second place too.   It was far more complicated after that, with numerous field falling between 3.5 and 3.8