

NCEP Drift + KISS

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Drift

- Accumulated drift over N (1-16) days
 - Nansen 1903
 - Zubov 1943
 - Skiles 1968 (O'Lenic 1978 2 days)
 - Grumbine 1998, 2001, 2007, 2013

Keeping Ice'S Simplicity

- Extensive Superstructure (ESMF, NEMS, NUOPC)
- Extensive Infrastructure (ocean, waves, ...)
- Testing skill measures
- Simple, selectable ice components

- Maximize amenability to replacement of modules as demonstrated skill improvements available
- Max. amenability to addition of modules
- Bias corrections(!) $10 \text{ W/m}^2 \rightarrow 1 \text{ m/year}$

- Potential freeze/melt rates

- Probabilities(?)

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