Notes from the Advisory Committee:

Virtual meeting was a success, way better than expected

* Make sure that ambient conditions are well documented
* Be aware of the data assimilation needs
* Take sufficient data with confidence (errors and uncertainties)
* Come up with traceability matrix (for melding models and observations) – e.g., NASA Programs
* Sometime small scale effects are under appreciated – pay attention, fog can be sensitive
* Event based parameterizations may be important (conditional parameterizations)
* Parameterizations – Navy applications (abreast with Navy developers)
* ABL and microphysics are being integrated more and more, rather than diagnostic models
* Radar chaffs might give good insights (release from UAVs and balloons?)
* Chaffs might give good information on ice fogs and fine vertical motions
* Should pay attention to secondary ice formation (e.g., Martin Gallagher & Carl Schmidt/Alaska)
* Chemical analysis can be of use
* Will follow up with further information, and build up objectives as the Navy programs grow
* Land influence is also important (try to incorporate)
* Directed energy is of immediate interest (e.g., integrate AFIT component)