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# Tropics To Do List

* Experiment with different coverage metrics
  + Correlation analysis of metrics
  + Visualization of metrics
* Sensitivity…
  + to injection accuracy
  + to loss of launch vehicles or satellites
  + to loss of channels/bands
  + to launch date (delays)
  + to deployment strategy
* Phasing of satellites over time
  + Playing with solar panel configuration and/or attitude
* Strategy to minimize response time in event of tropical storm (Response time to target)
* Orbit perturbation over time (a, e, inc, ν, RAAN)
* Deorbit strategies
* Ground Station OPS (Link Budget, contact time)

Other secondary goals…

* Trades between:
  + Antennas (type, number)
  + Crosslinks
  + Subsystem analysis (Power, Thermal)
* Science Valuation
  + Decadal survey
  + OSCAR