

- Are the current methods for perturbing model physics relevant for the hectometric scales?
 - SPP, SPPT, multi-physics, intrinsic stochastic parameterisations?
- Practical considerations of running an ensemble at these scales:
 - variable resolution approach as a way to decrease the cost of a larger domain? And to push the boundaries away from the area of interest?
 - how many members we can afford to run. And if we have to run a sub-set of the driving members, how do we choose which members?
- What matters most for the sub-km scale (land surface and soil related processes, physiographic data uncertainty, turbulent fluxes, convection initiation, ...)?
- What do we expect from ensembles at these scales in practice?

- Do we understand ensemble spread at hectometric scale?
- Should we expect error growth at this scale, and if so, how should it be measured?
- What diagnostics do we need to exploit ensembles at these scales?