

Concluding Comments

Welcome to the Year of Prediction

THEMES TO TEAMS

- Incorporate improved process understanding as improved parameterisations in models
- Run and evaluate models with improved parameterisations on test basins

THEMES TO PARAMETERISATION TEAMS

- Snow – redistribution, accumulation, sublimation, radiative transfer, melt, areal depletion
- Vegetation – effect on radiative and turbulent transfer to snow and frozen ground
- Glaciers - interactions with the atmosphere
- Frozen ground – freezing, thaw, water transmission and storage
- Hillslopes – water redistribution, runoff generation
- Lakes/Ponds/Muskeg – advection, atmospheric fluxes, heat storage, storage and flow in drainage systems

THEMES TO BASIN TEST TEAMS

- Trail Valley Creek (Marsh)
- Havikpak Creek (Marsh)
- Scotty Creek (Quinton)
- Baker Creek (Spence)
- Wolf Creek (Carey & Janowicz)
- Marmot Creek (Pomeroy)
- Lake O'Hara (Hayashi)
- Peyto Glacier (Munro)
- Reynolds Creek (Marks & Link)
- **TEAMS**
 - move basin understanding & parameterisations to CRHM and MESH development & predictions
 - Incorporate Users in TEAMS to help define model prediction endpoints (streamflow, snowpack, thaw,
 - Models run GEM, CRHM, MESH, CLASS
 - Consider clusters of basins (Inuvik, Rockies, Interior plains)