**E3SM Cryosphere Campaign: Update and Future Directions**

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In this presentation, we summarize the efforts of the E3SM v1 Cryosphere campaign during the past year in the areas of model simulation, model analysis, model development, and publications. We highlight particular successes and discuss ongoing difficulties and areas of concern (e.g., model biases). We also summarize our planned efforts under the v2 simulation campaign and propose potential science foci for consideration under the Cryosphere campaign in phase 3 of E3SM.