



Figure 3: Evolution of regional arctic models. Geophysical ocean-sea ice-atmosphere-terrestrial components have progressively been coupled during the past two decades, while other components have been studied as stand-alone systems. The proposed Arctic System Modeling program will bring a greater understanding of interconnectivity within the Arctic by fostering coupling of biogeochemistry and human dimensions components.

Roberts, A. et al. 2010. A Science Plan for Regional Arctic System Modeling, International Arctic Research Center, University of Alaska Fairbanks.

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