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Global Change Biology

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- Modelling optimal responses and fitness consequences in a changing Arctic
- Observation of irrigation-induced climate change in the Midwest U.S.
- Cumulative weather effects can impact across the whole life cycle
- High ecosystem stability of evergreen broadleaf forests under severe droughts







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Cover: A female polar bear and her cubs stand on the sea ice by a fresh kill. Changes in the timing of spring ice melt are expected to reduce the caloric intake of polar bears, with implications for their reproductive rates (photo by Wayne Lynch, see Reimer et al., pp 3450-3461).