(1) We are just finishing our 1st year on the new grant, and we have continued most of our long-term experiments and monitoring.

(2) As I presented last year, the objectives of the new grant are to understand responses of Arctic Tundra to disturbance and global change using the concepts of "Openness" and "Connectivity"

(a) Biogeochemical openness: degree to which an ecosystem relies on external sources of nutrients and organic matter v. internal recycling and local primary production.

(b) Community openness: replacement of species in response to disturbance or dimate change v.