

1086-45-2506

Jon Jacobsen* (jacobsen@g.hmc.edu), **Mark Lewis** and **Yu Jin**. *Integrodifference Models for Persistence in Temporally Varying Habitats*. Preliminary report.

We consider integrodifference models of growth and dispersal on finite domains to investigate population dynamics in the context of local growth dynamics with temporally varying dispersal kernels. We consider several measures for persistence in the context of single, periodic, and random kernel parameters. (Received September 25, 2012)