**Food Web Models** A. Physological Delay Model B. 1-Year Ecological Delay Model C. 2-Year Ecological Delay Model Alanine Alanine Glutamic Acid Glutamic Acid Glutamic Acid Residuals Residuals Residuals Proline Proline Proline 0 Valine\* Valine\* 1990 Year 1980 1990 2000 2010 1980 1990 2000 2010 1980 2000 2010 Year Year