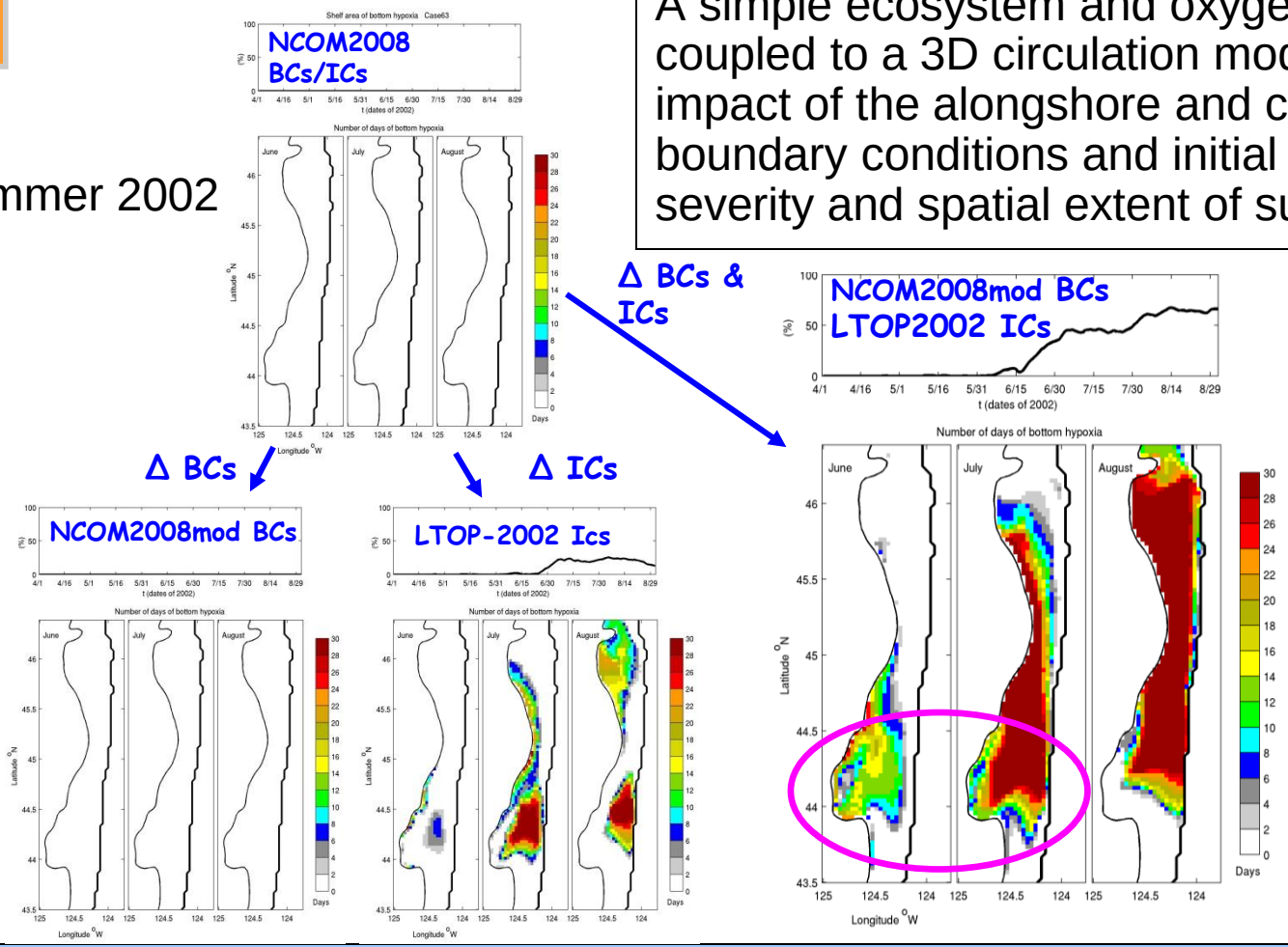
Oxygen On The Oregon Shelf

A simple ecosystem and oxygen model was coupled to a 3D circulation model to assess the impact of the alongshore and cross-shore boundary conditions and initial conditions on the severity and spatial extent of summer hypoxia.

Summer 2002



Offshore *in situ* or large scale model oxygen data are necessary to predict summer hypoxia on the Oregon shelf. We also found that the boundary conditions strongly impact the estimation of the severity of the hypoxic conditions

(Courtesy of Y. Spitz, H. Batchelder, A. Kurapov)

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