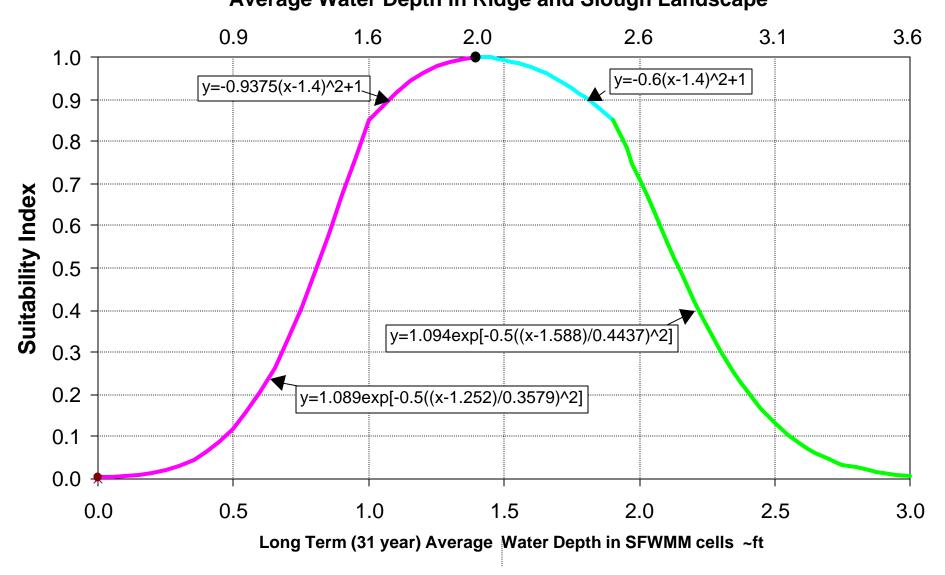
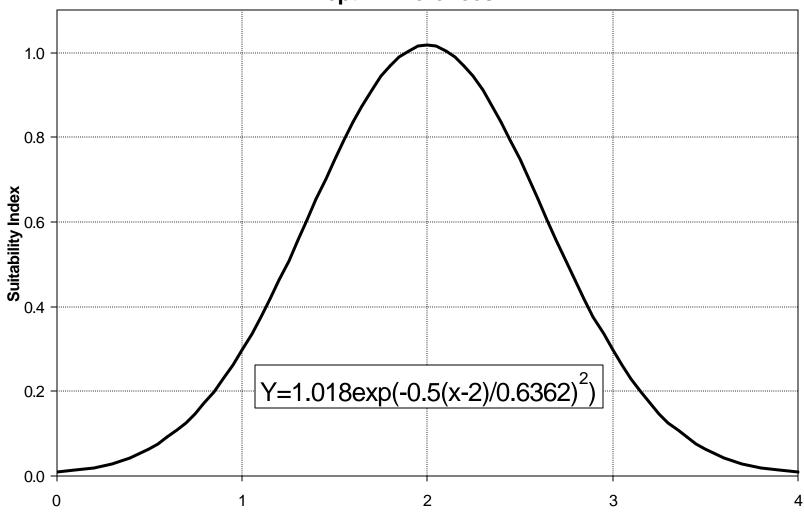
# Suitability Indices for Ridge & Slough Landscape

- Suitability as a function of depth
- Suitability as a function of Wet-Dry season depth difference.
- Suitability as a function of flow direction
- Suitability as a function of flow velocity
- Composite Suitability. Geometric Mean of above 4 SI's.

## Ridge and Slough Landscape Suitability as a function of Water Depth Average Water Depth in Ridge and Slough Landscape

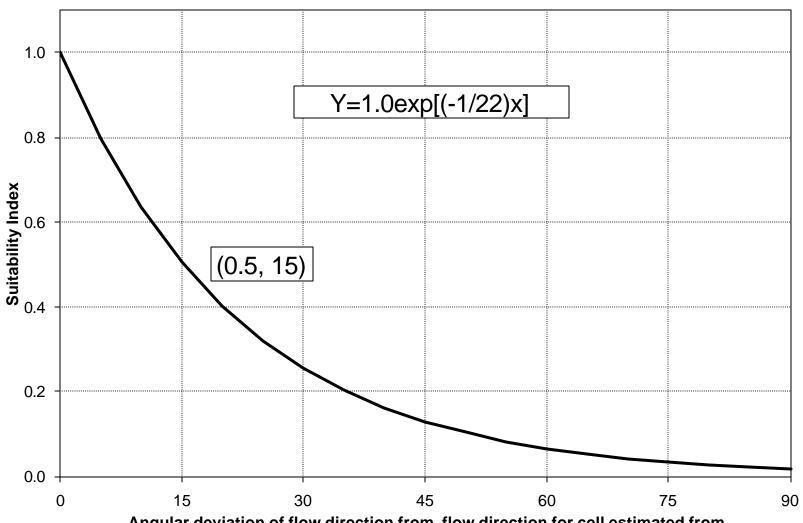


### Ridge and Slough Landscape as a function of Seasonal Depth Differences



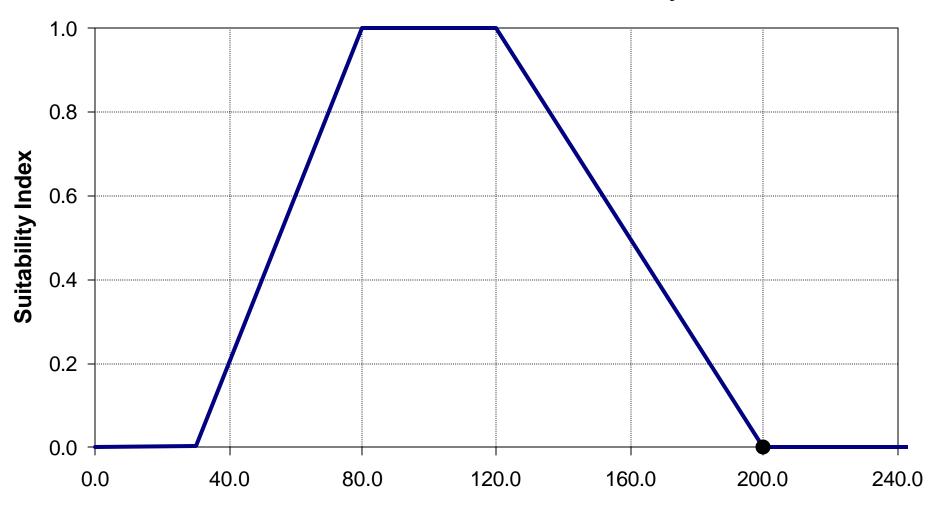
(31 year mean October Ponding Depth - (31 year mean May Ponding Depth) + 0.3 ft

#### Ridge and Slough Landscape as a function of Flow Direction



Angular deviation of flow direction from flow direction for cell estimated from 1940's aerial photos

### Ridge and Slough Landscape Suitability as a function of Relative Flow Velocity



Fraction (%) of Modeled Individual Cell Flow Velocity Relative to Mean NSM Flow Velocity for Model Row

# SFWMM grid cells Applicable for Ridge and Slough Landscape

