

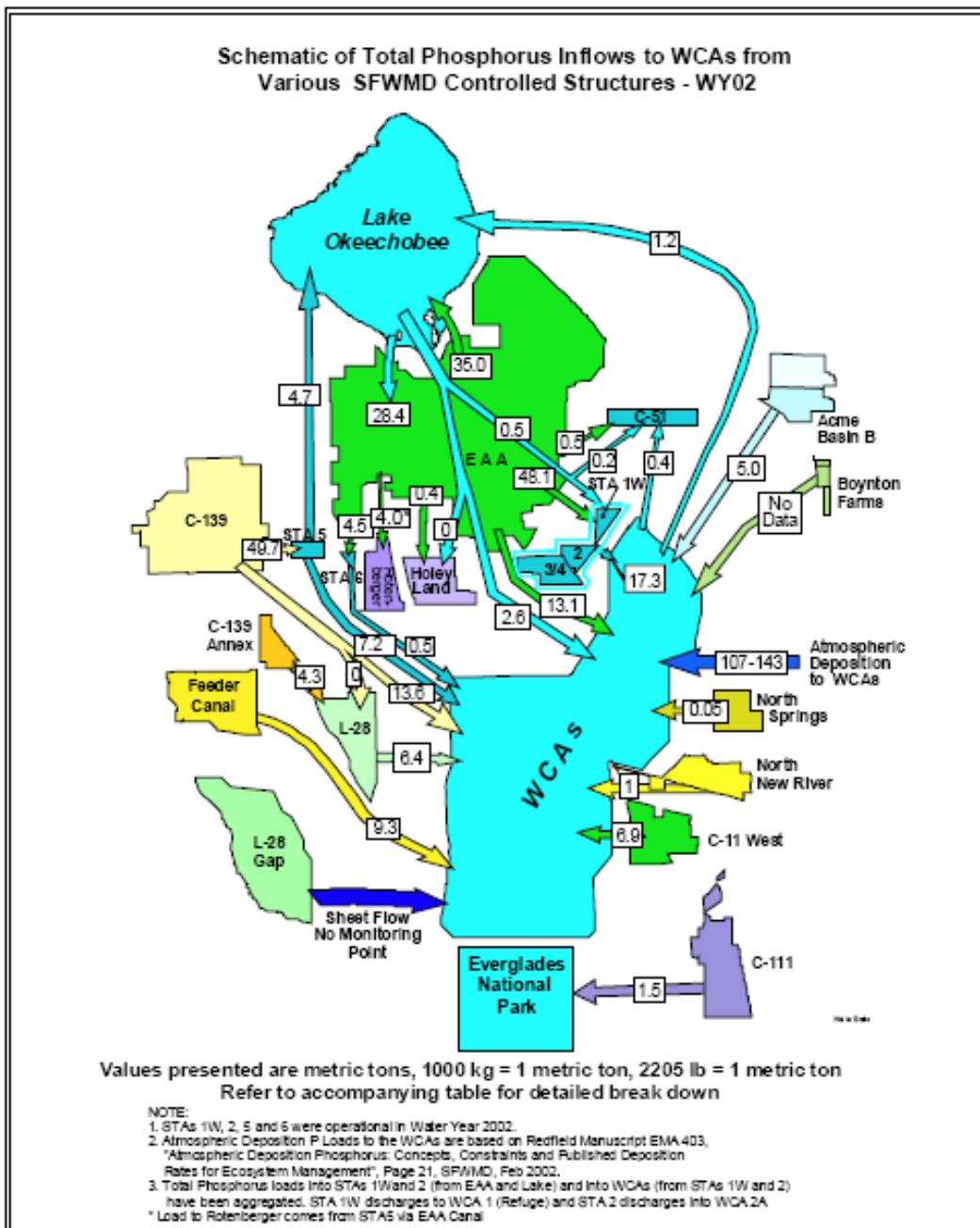
# Regional TP Budgets CERP / NRC Meeting

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Environmental Engineer  
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Prepared for  
US Department of the Interior

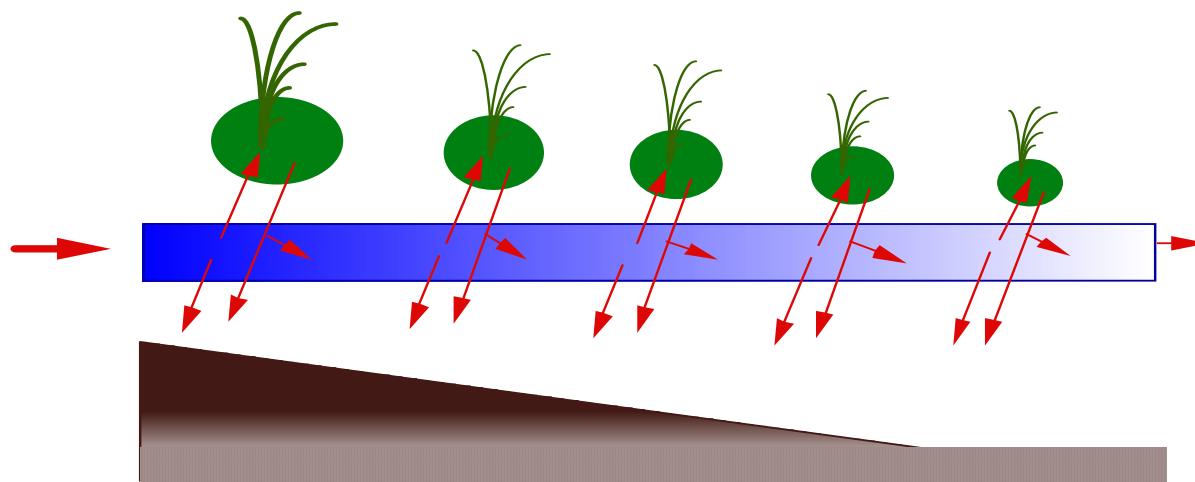
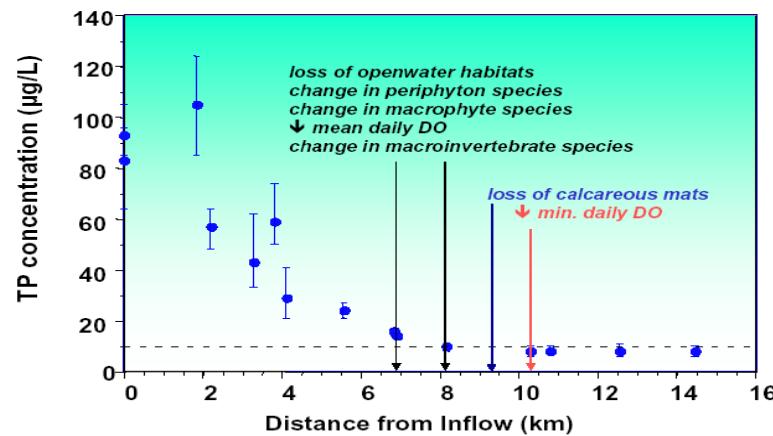
June 8, 2009

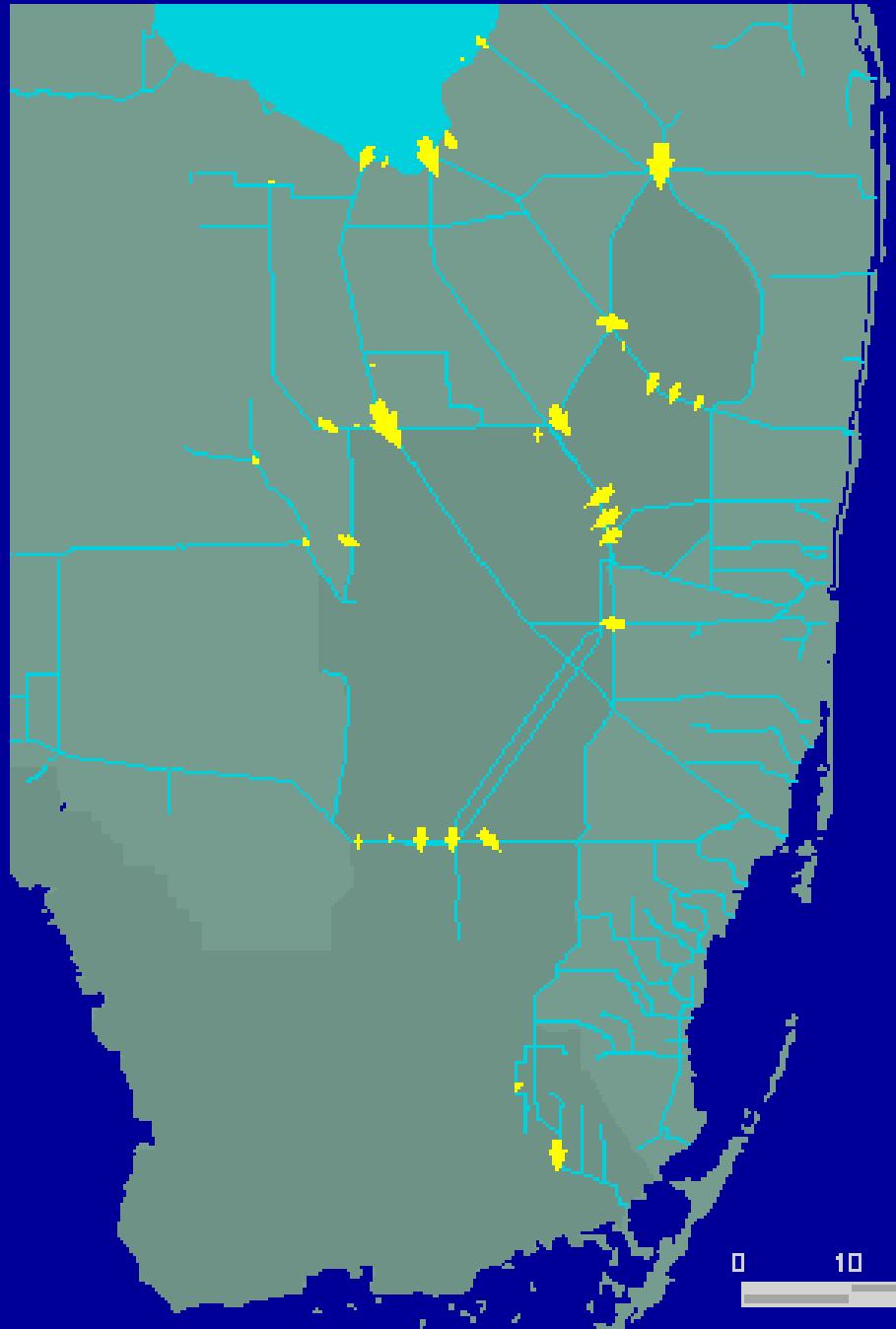
## Regional TP Budget Water Year 2003 SFER



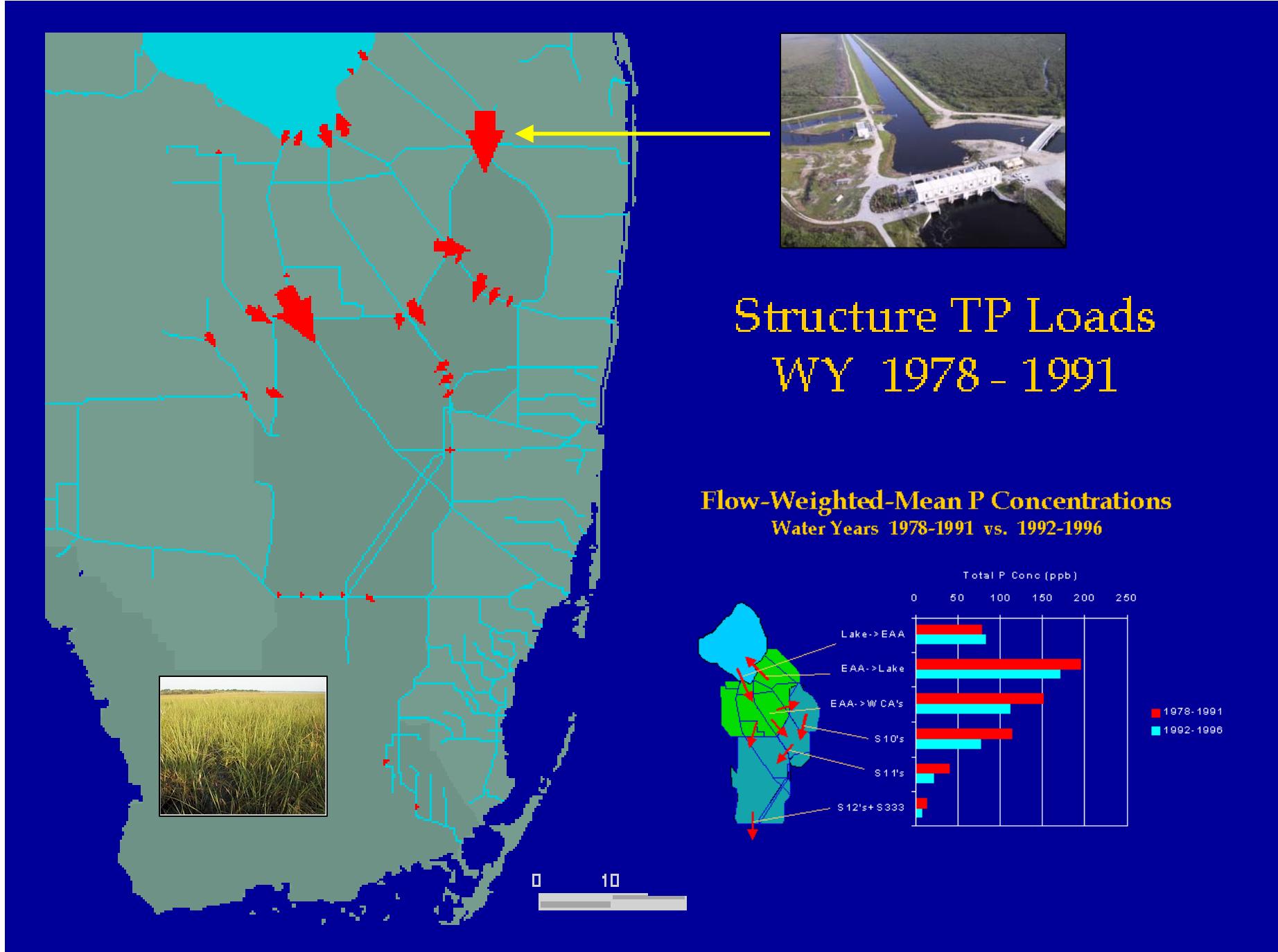
## Relevant Spatial Scale for Mass Balances P Gradient Downstream of Inflows

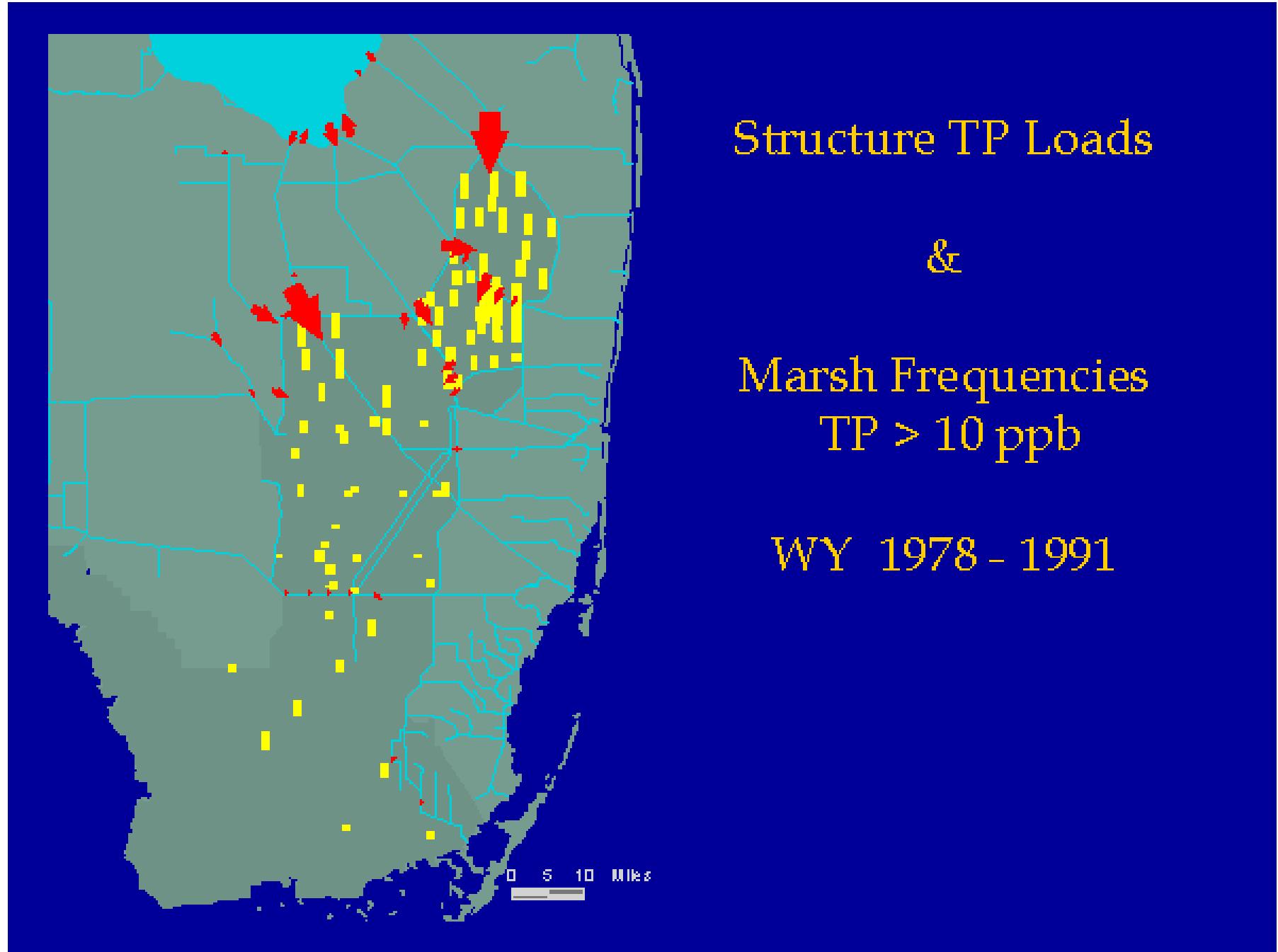
### Ecological Changes along the WCA-2A Gradient



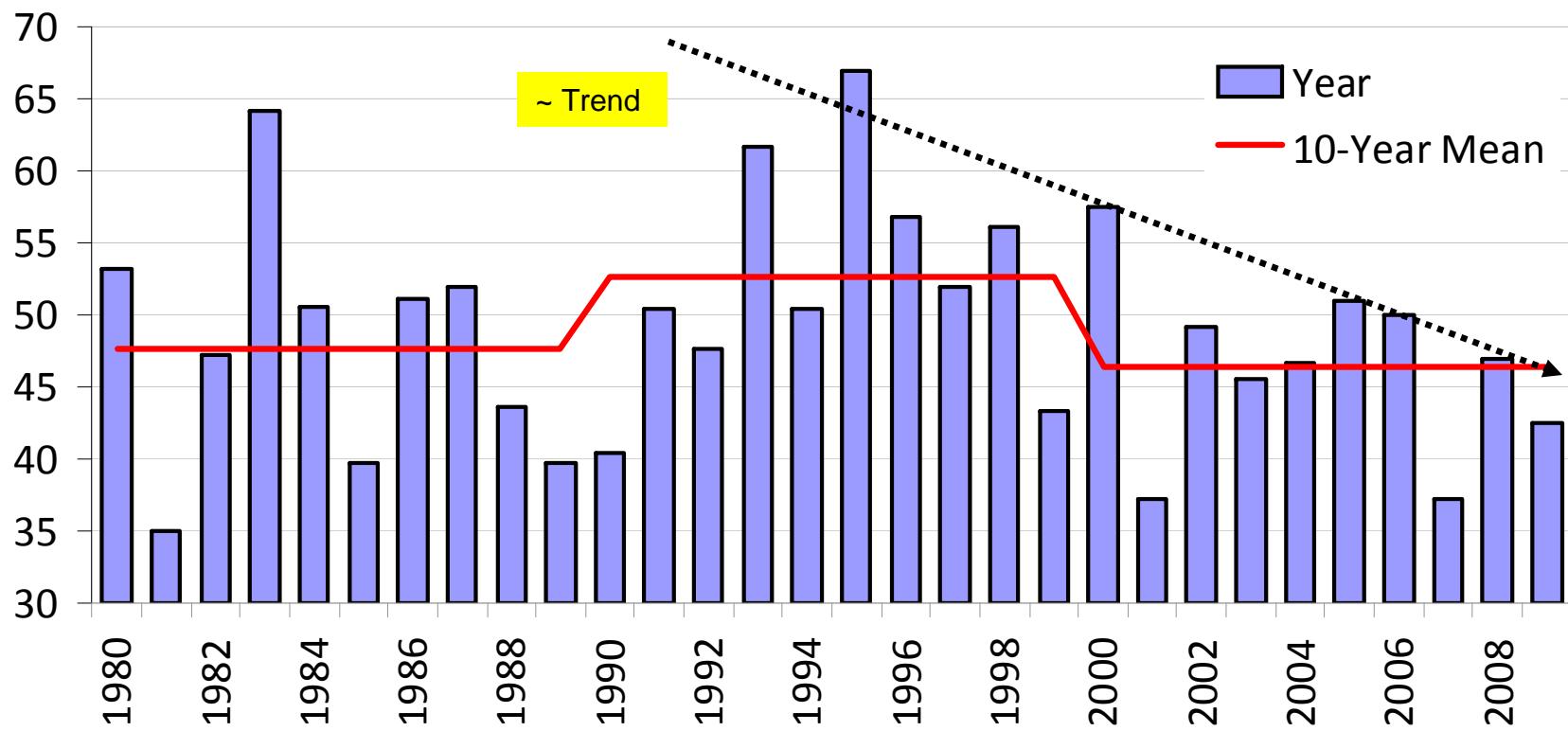


Structure Flows  
WY 1978 - 1991



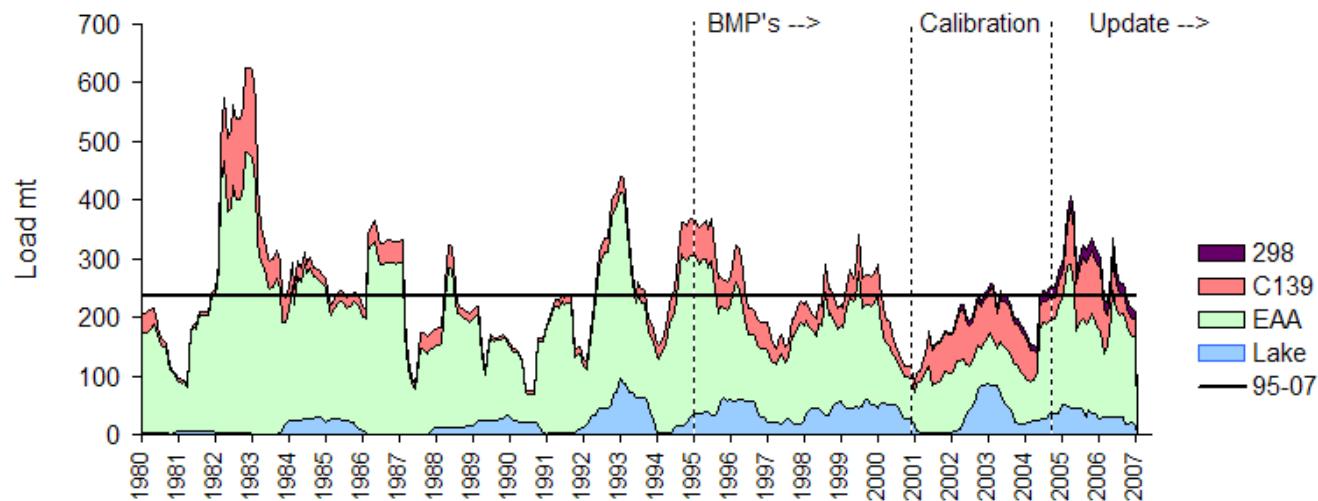
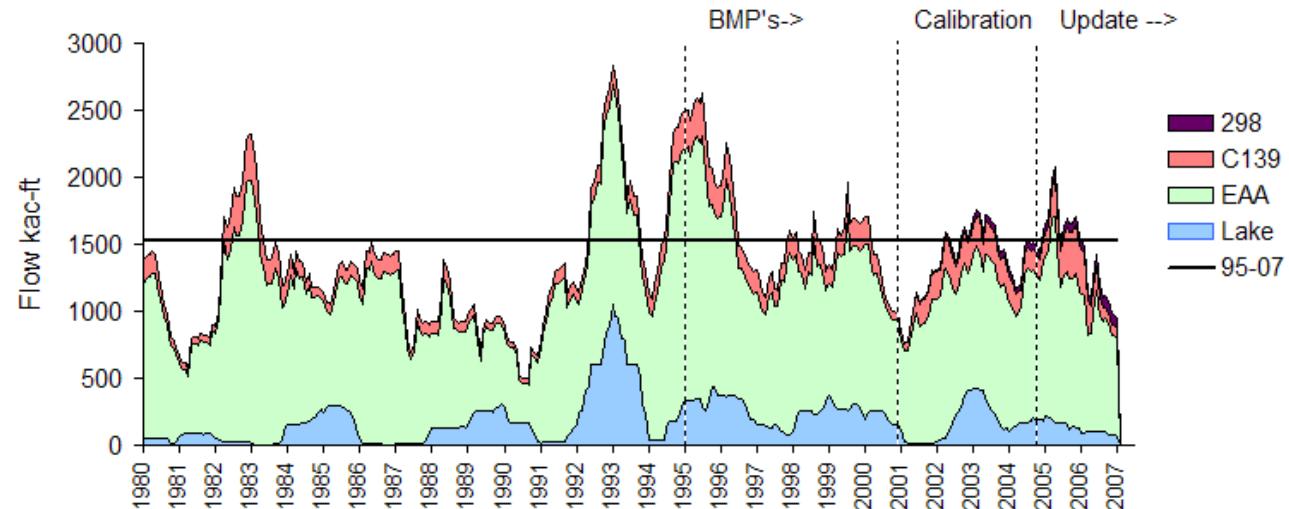


# EAA Rainfall, 1980-2008

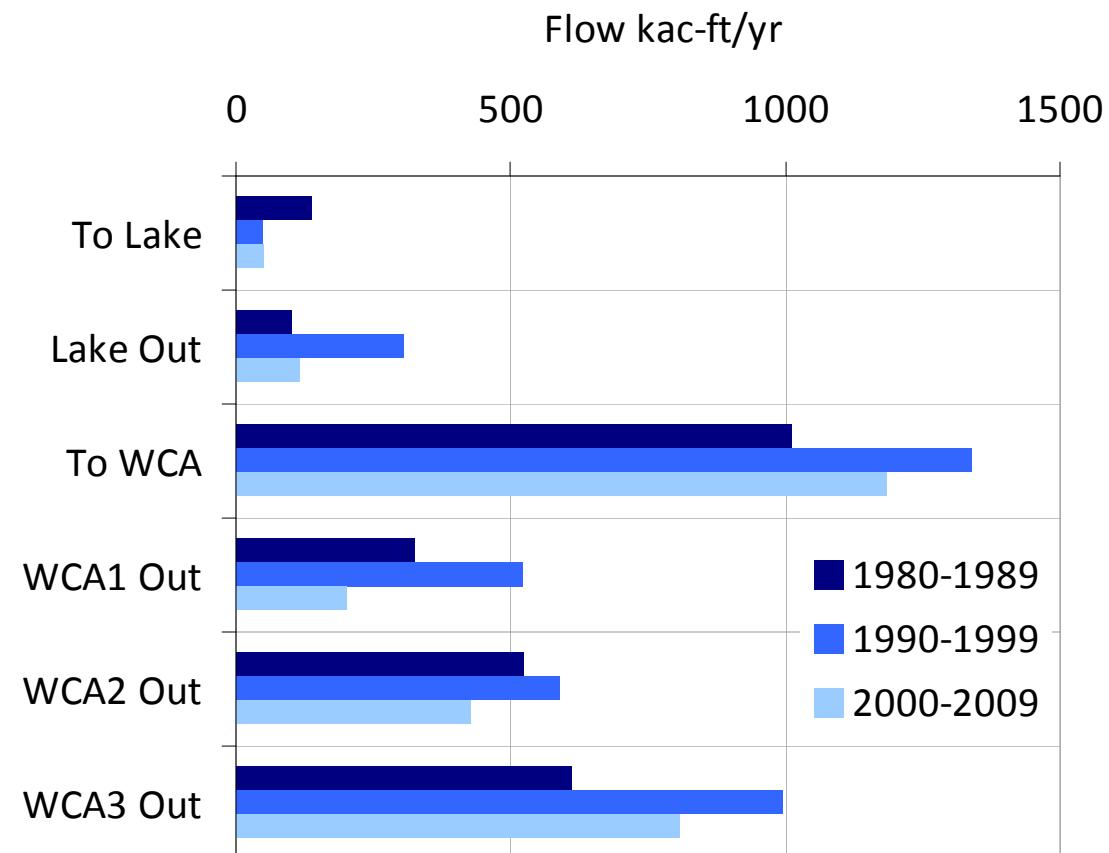
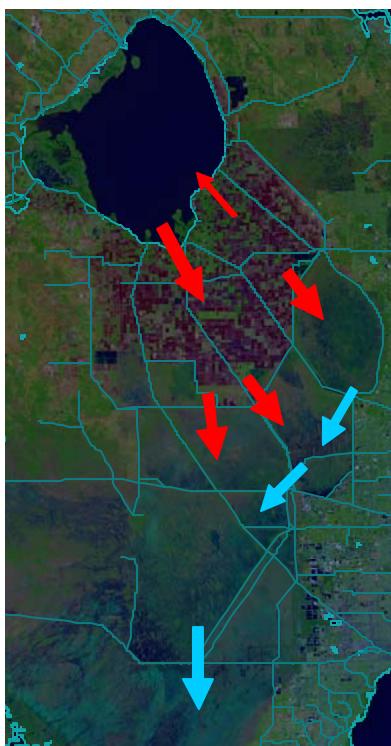


# Source Flows & Loads, 1980-2007

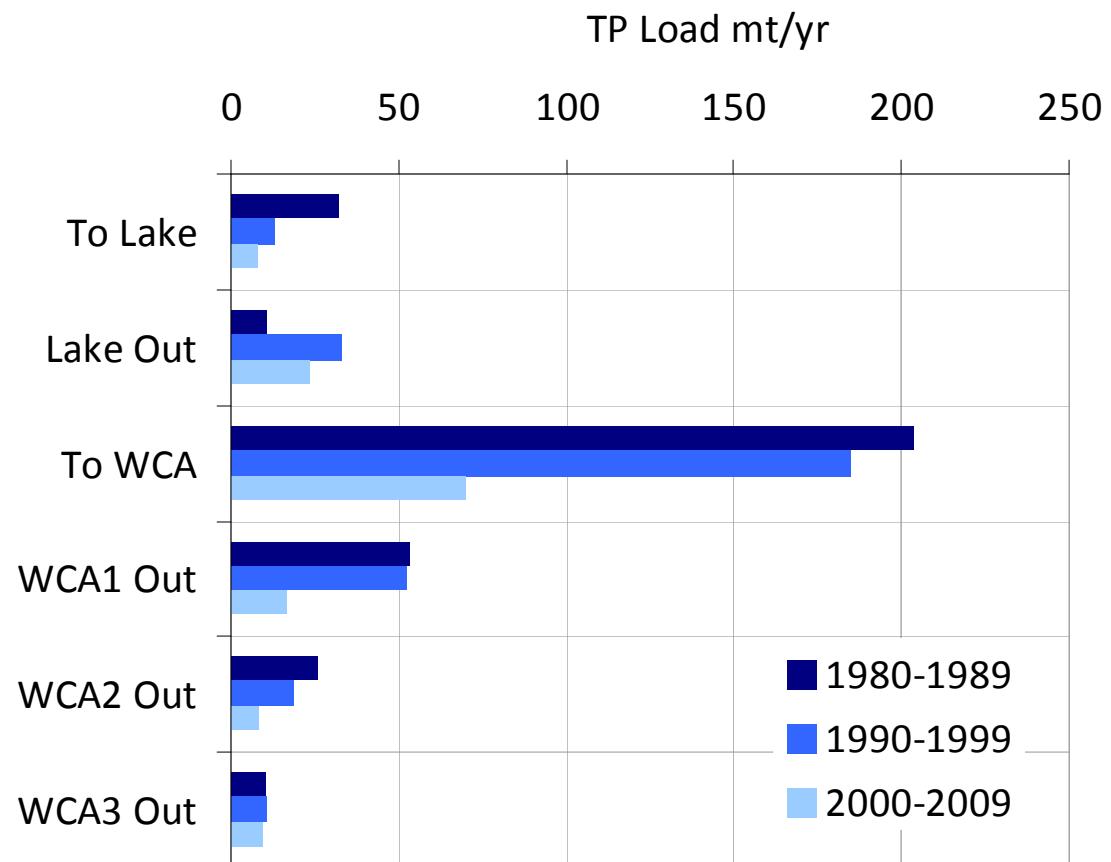
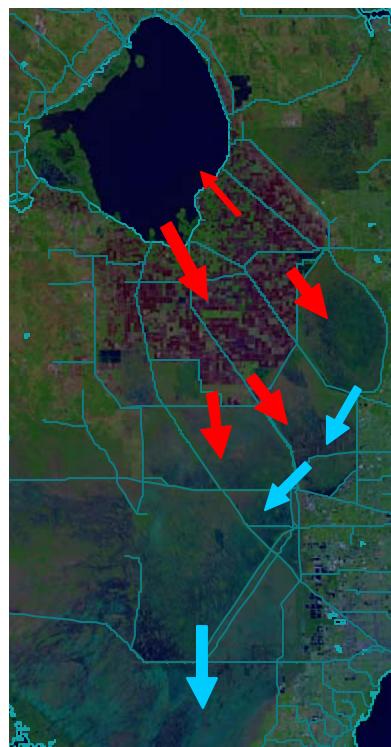
## 12-Month Rolling Means



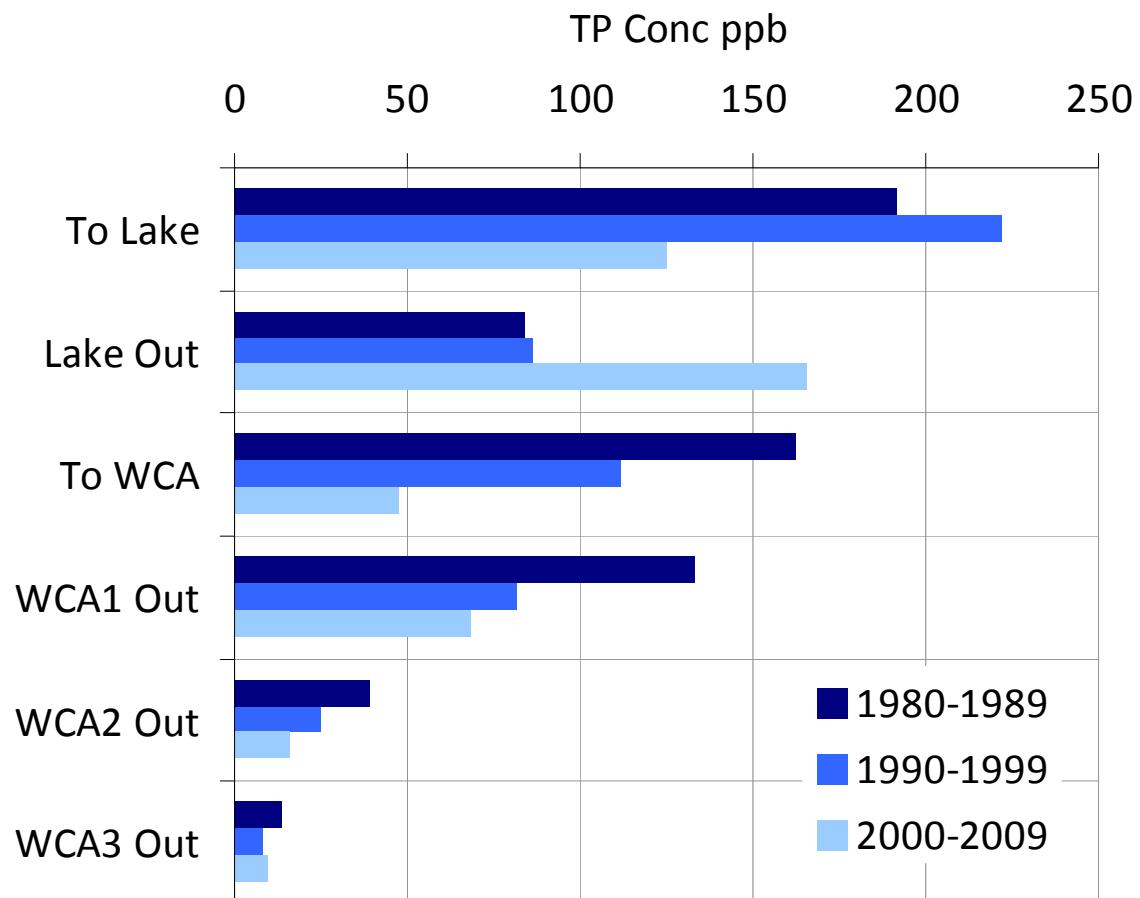
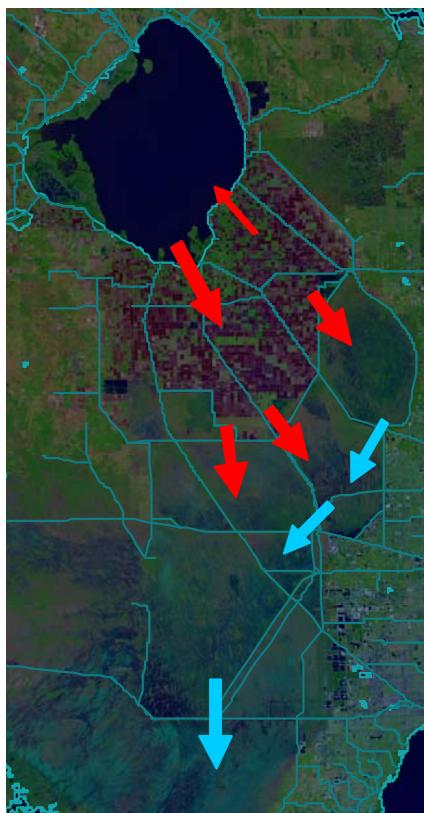
# Flows: 1980-2009 10-Year Intervals



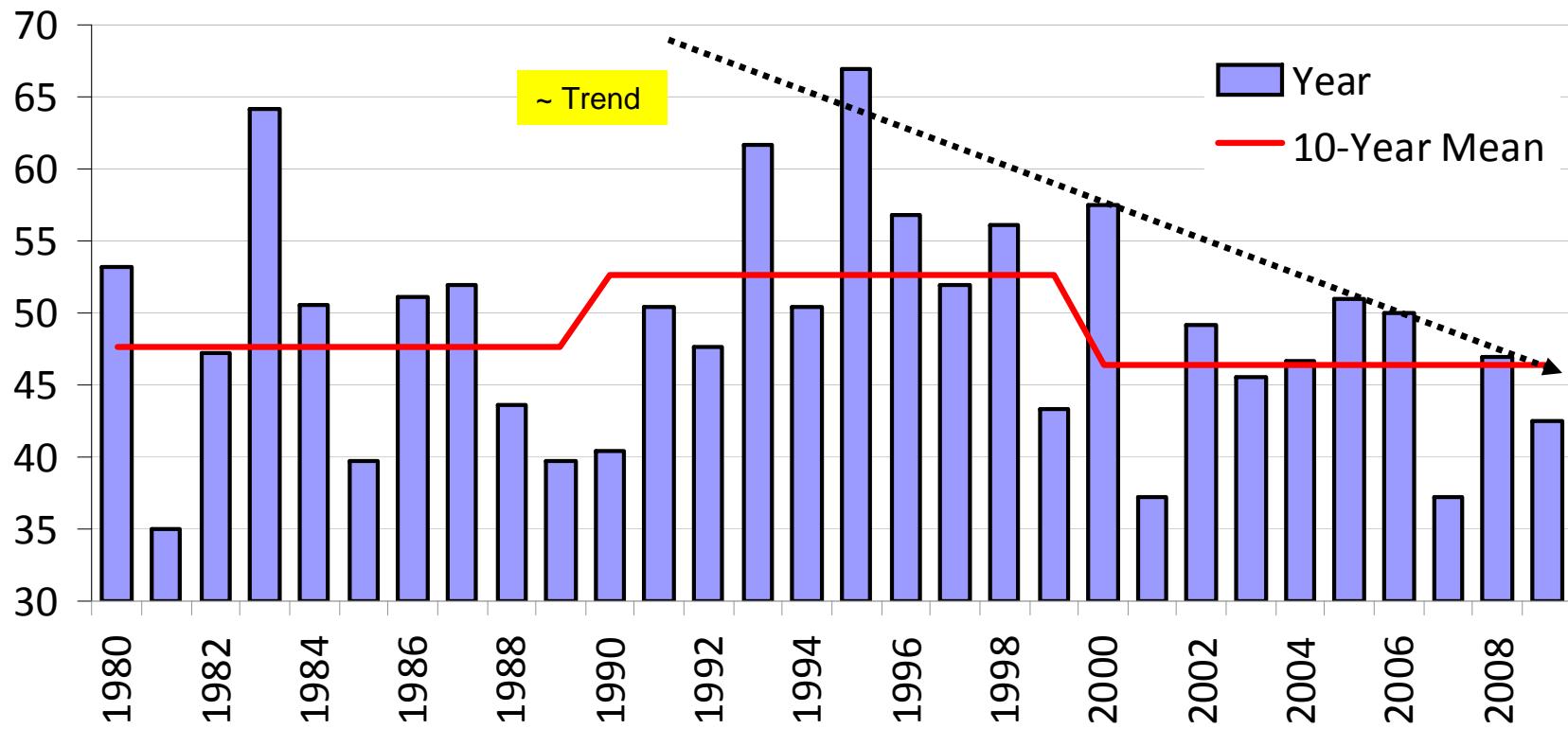
# TP Loads: 1980-2009 10 Year Intervals



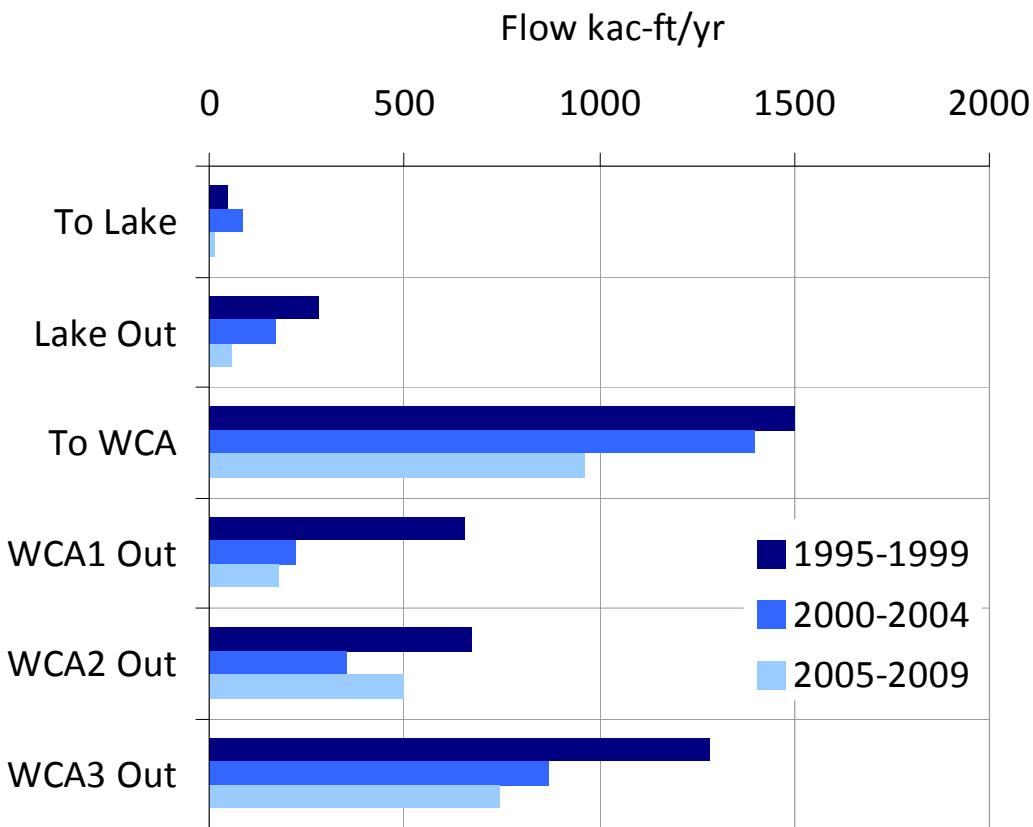
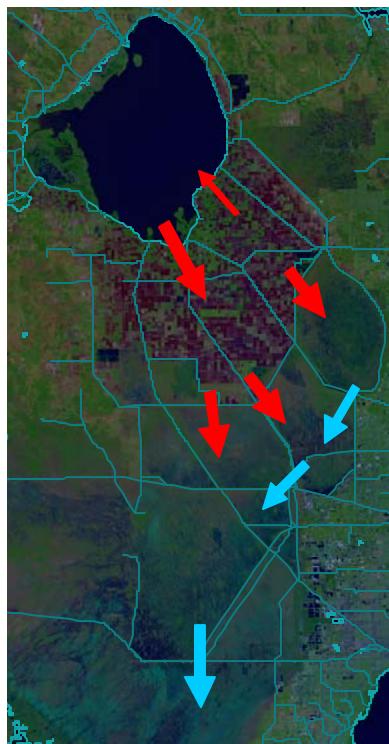
# TP Concentrations: 1980-2009 10-Year Intervals



# EAA Rainfall, 1980-2008

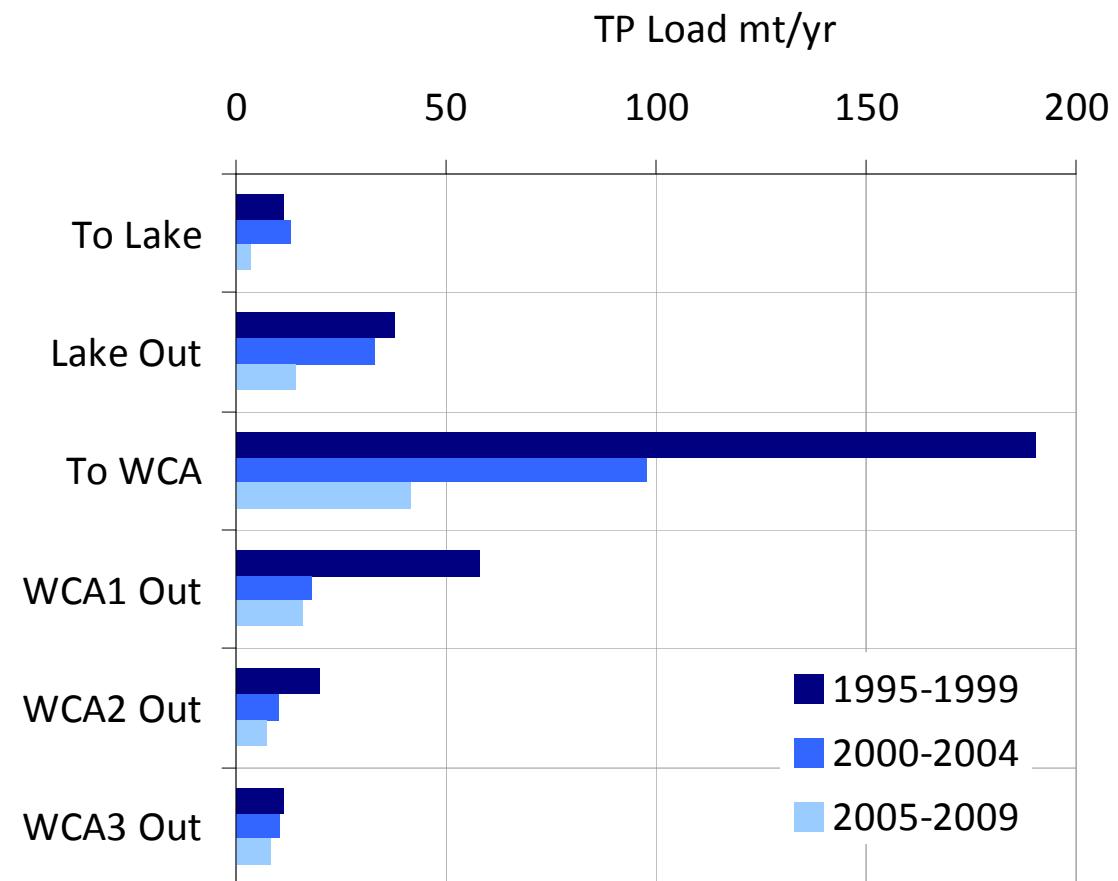
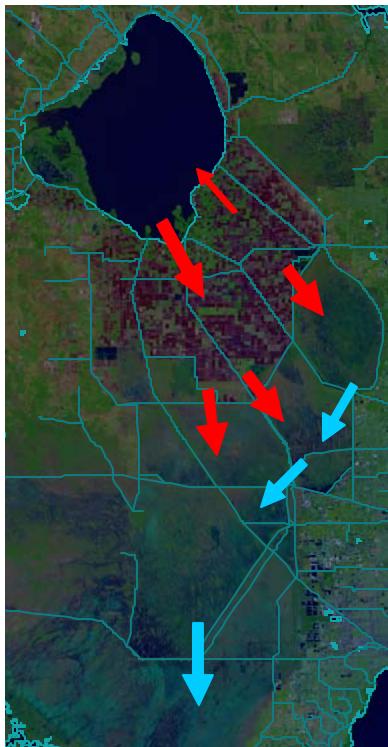


# Flows: 1995–2009 5-Year Intervals



# TP Loads 1995-2009

## 5-Year Intervals



# TP Concentrations: 1995-2009 5-Year Intervals

