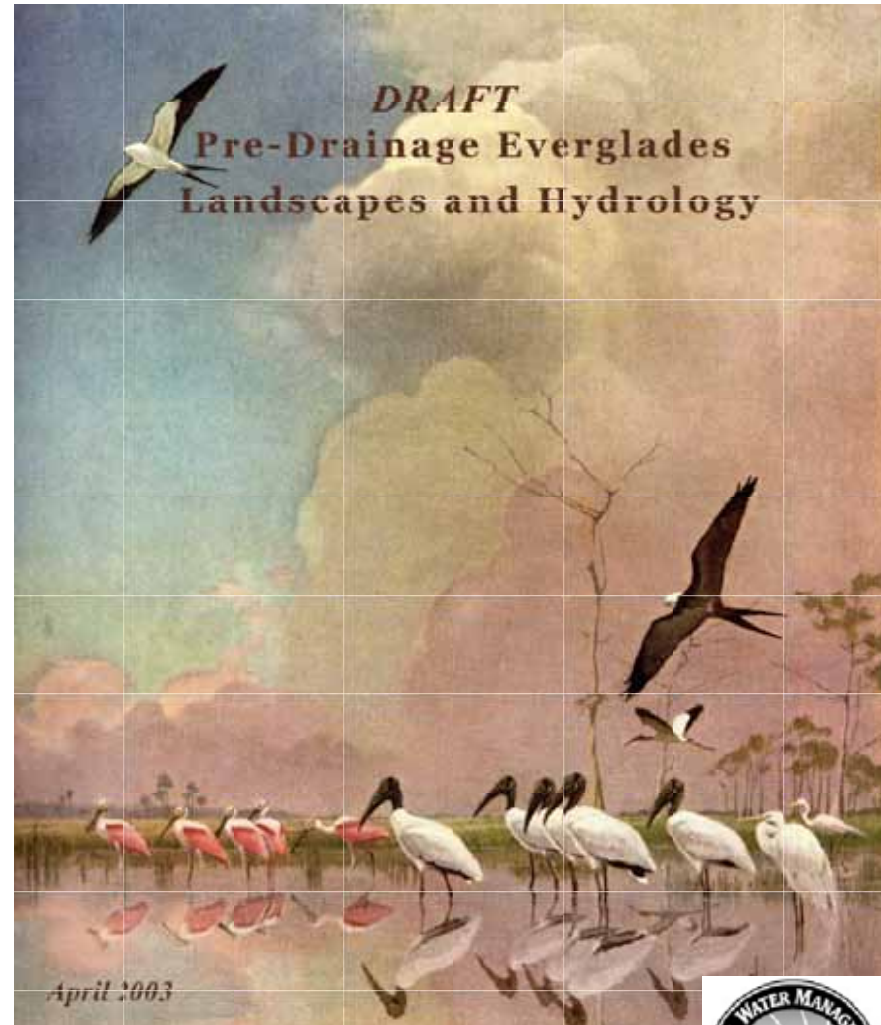
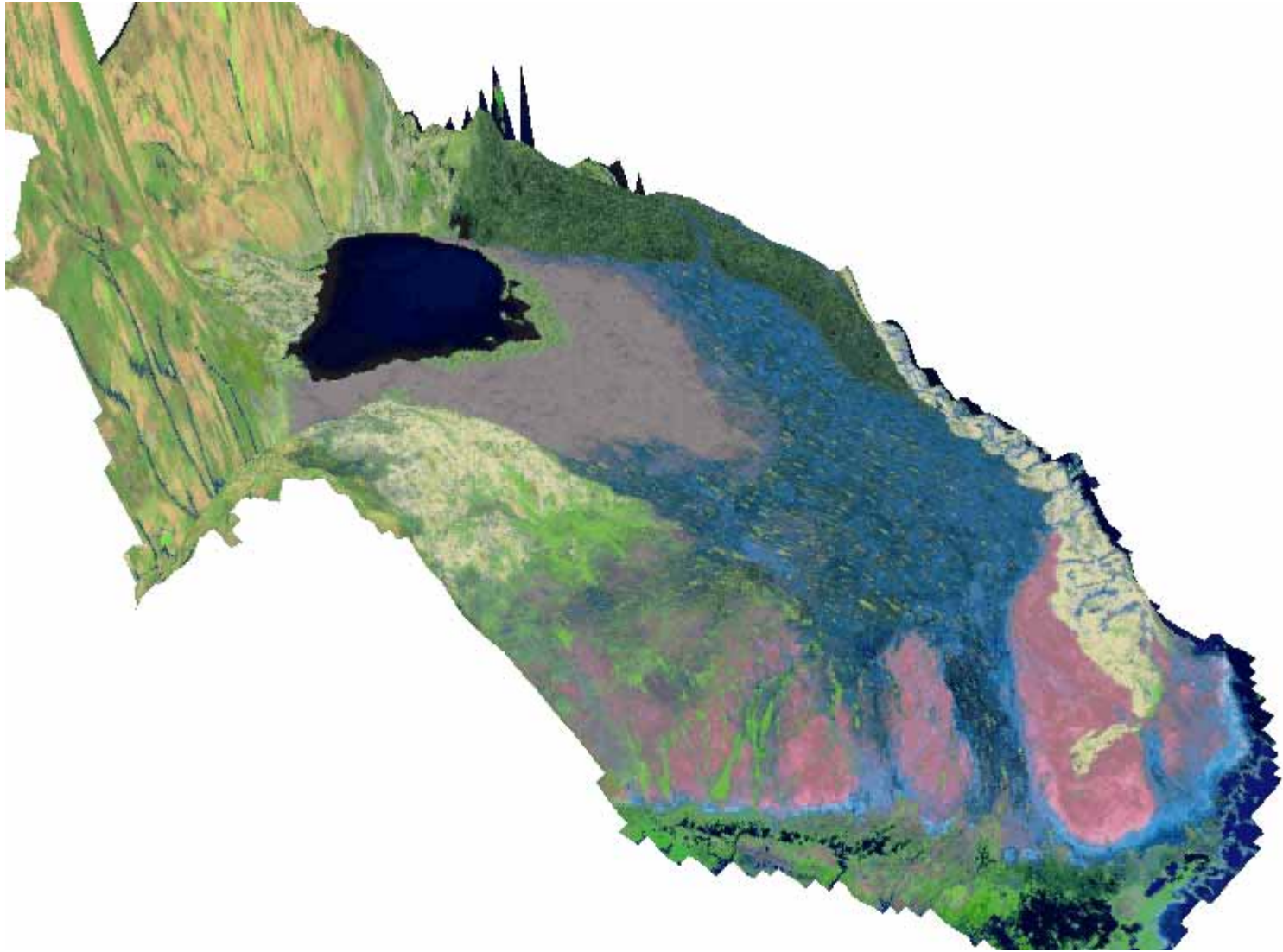


Natural System Panel Discussion

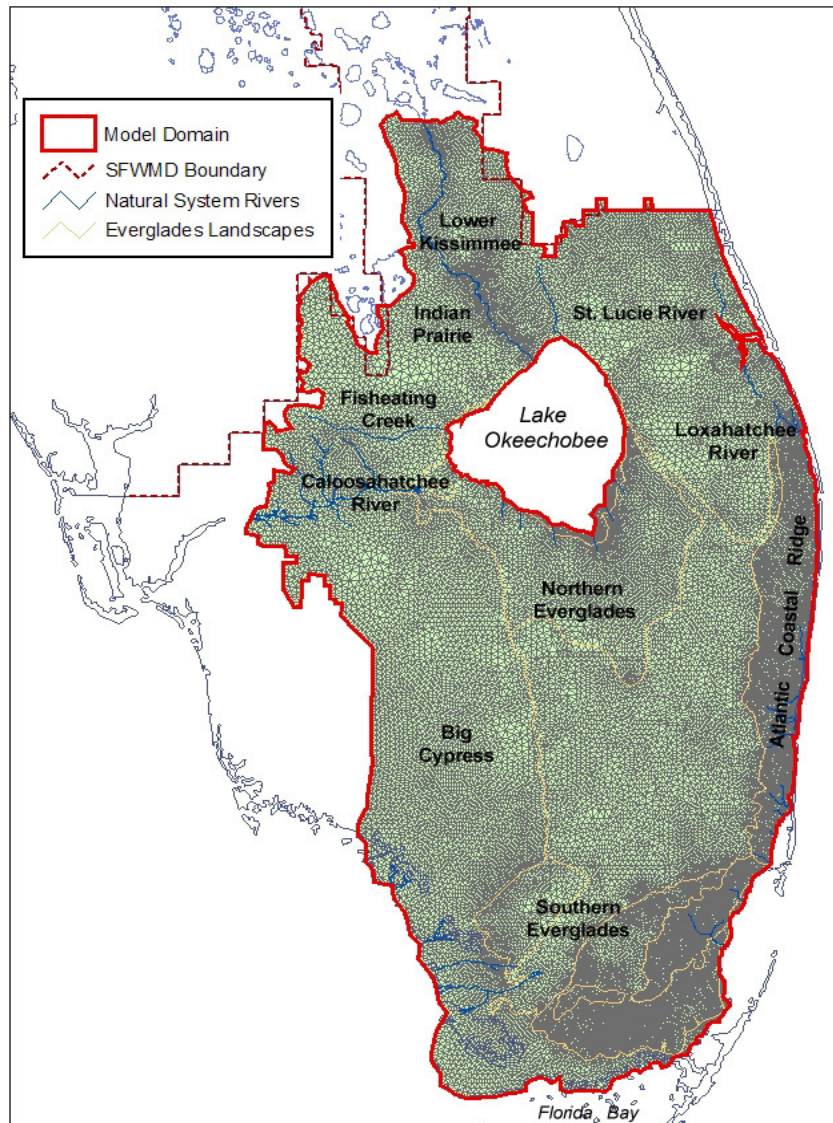
Jayantha Obeysekera
SFWMD

Prepared by
Christopher
McVoy,
Winifred Park
Said,
Jayantha
Obeysekera,
and
Joel VanArman



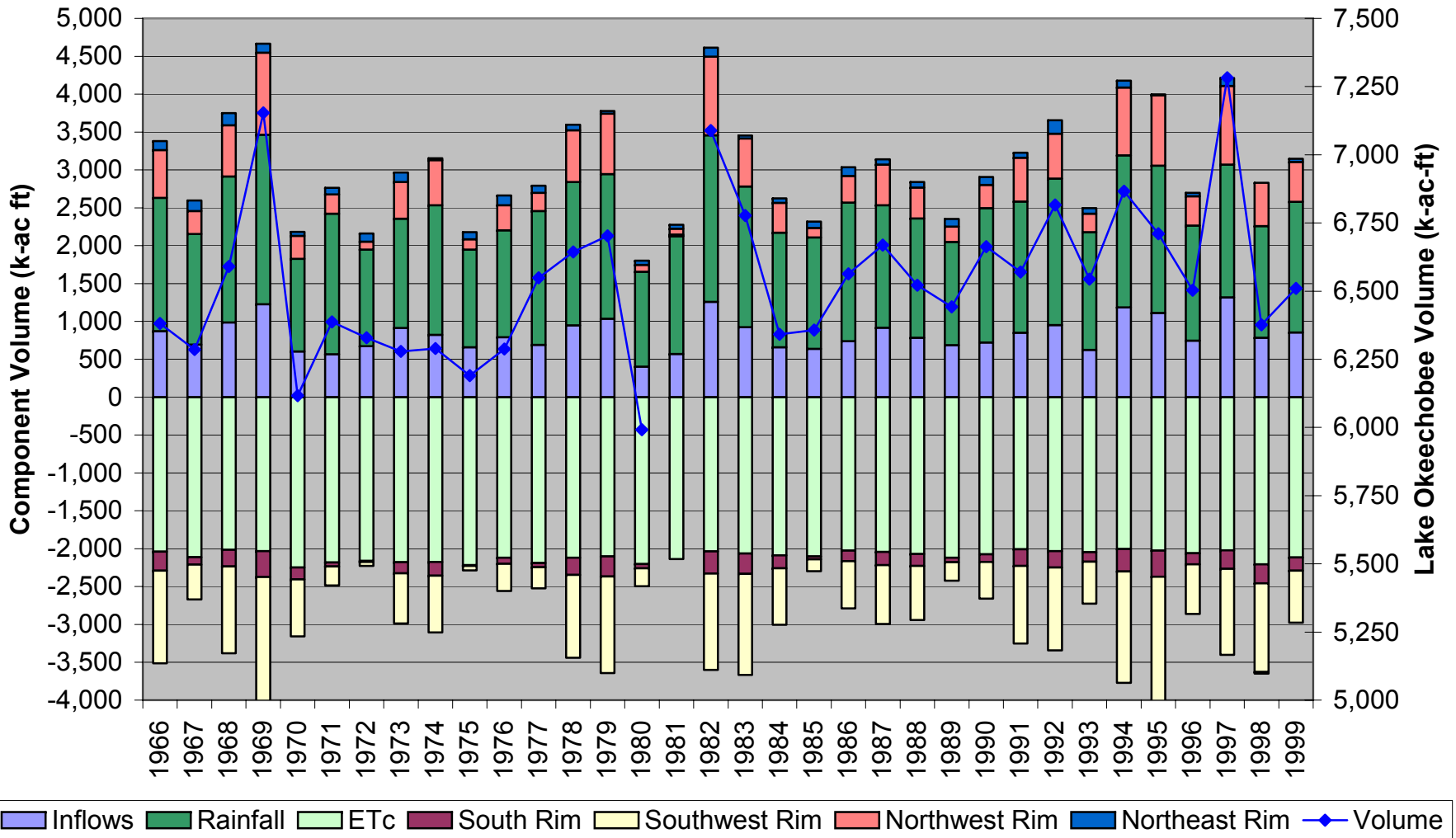


NSRSM v2.1

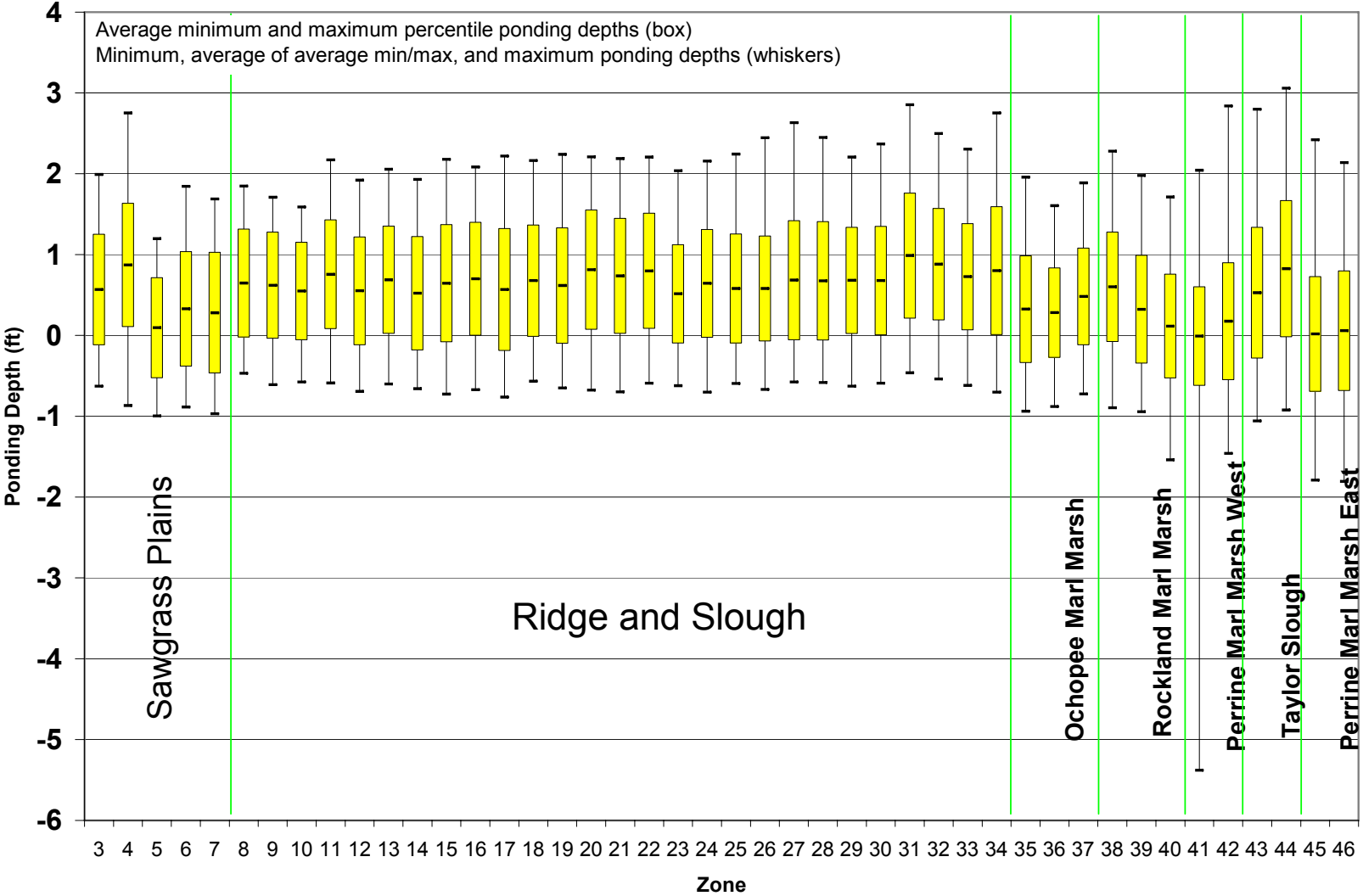


- 48,602 cells simulate natural system hydrology for an area of $\sim 11,858$ mi²
- Average cell size = .37 mi²
- Run Time for 1965-2000 POR = 3-5 hours depending on output options
- NSRSM v2.0 Peer reviewed 2007
- V2.1 revisions based on peer review comments
- Improved boundary conditions
- Improved upland performance
- Soft calibration in process
- Preliminary results are within documented reference ranges for pre-development system performance

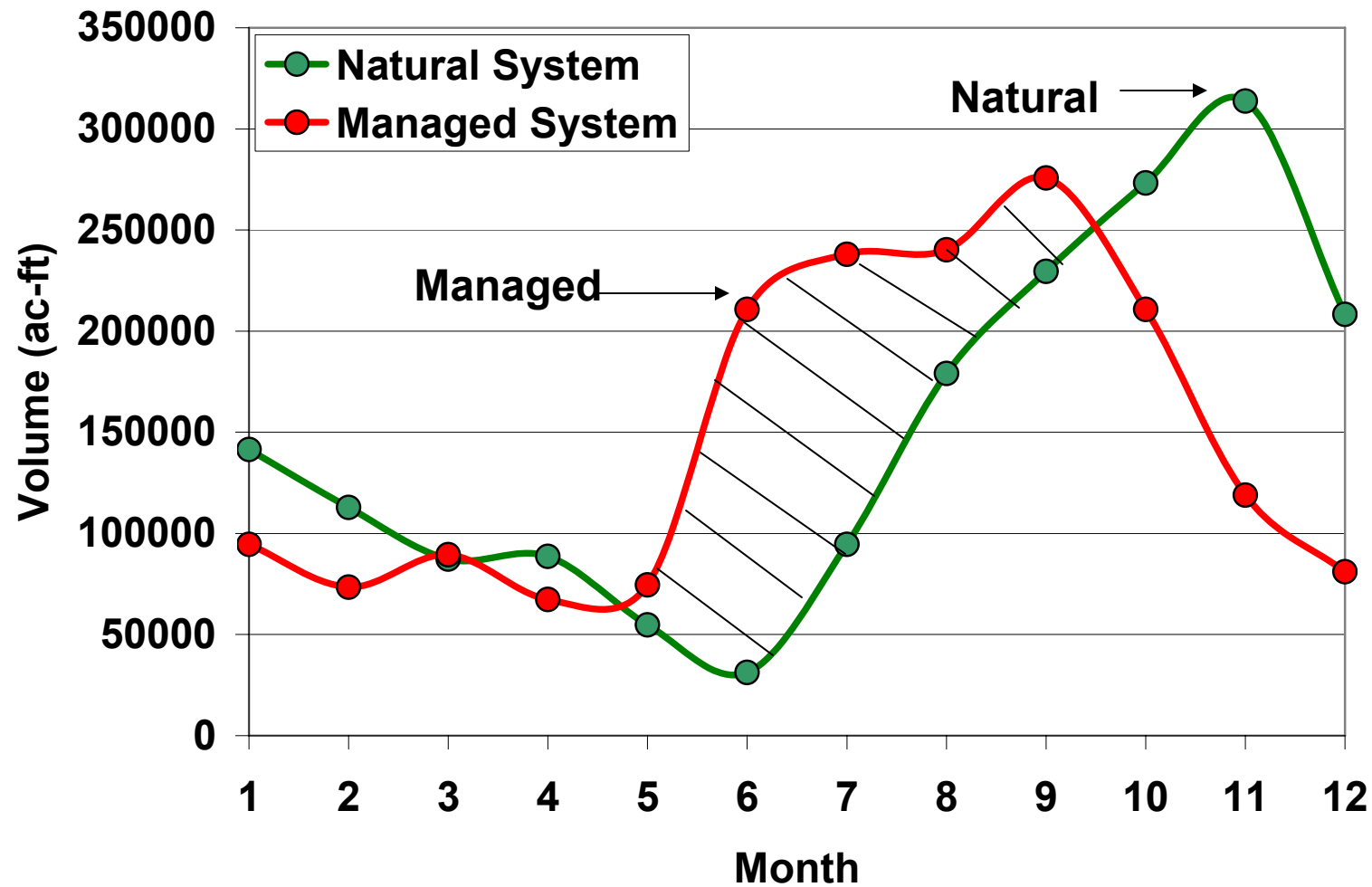
NSRSM Lake Okeechobee Budget POR 1966-2000



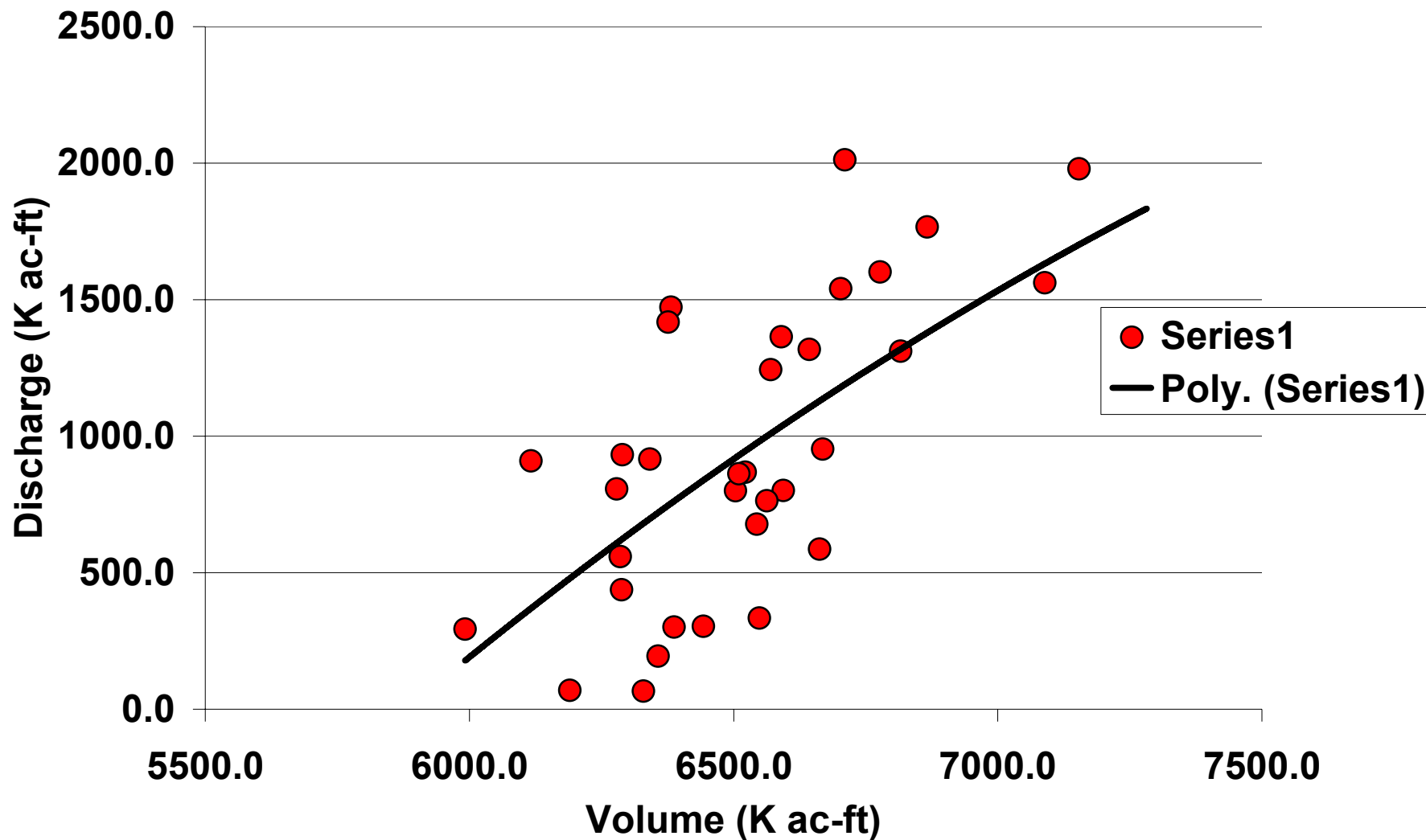
NSRSM Ponding Depths Relative to Landsurface



Seasonal Shift in Flows to EPA



Natural System Lake Volume Discharge Relationship



Seasonal Shift in Flows to EPA

