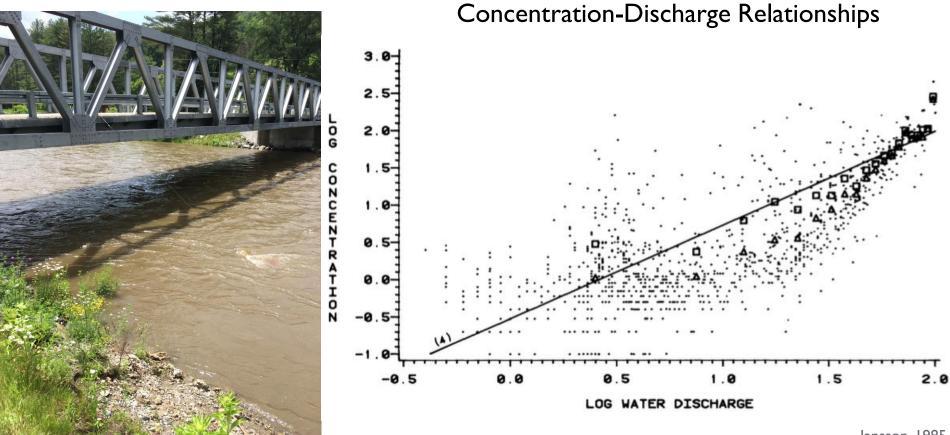
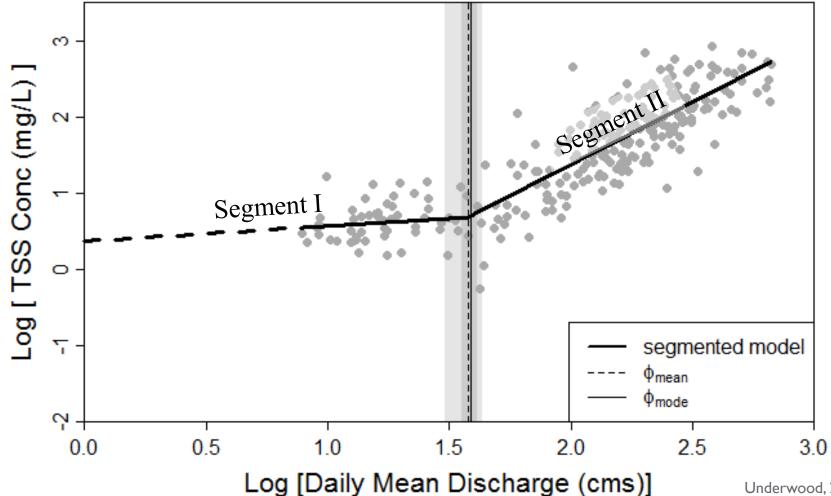
# Hydrological Threshold Example

#### Suspended Sediment/Particulate Phosphorus in Watersheds



## **Threshold Models**

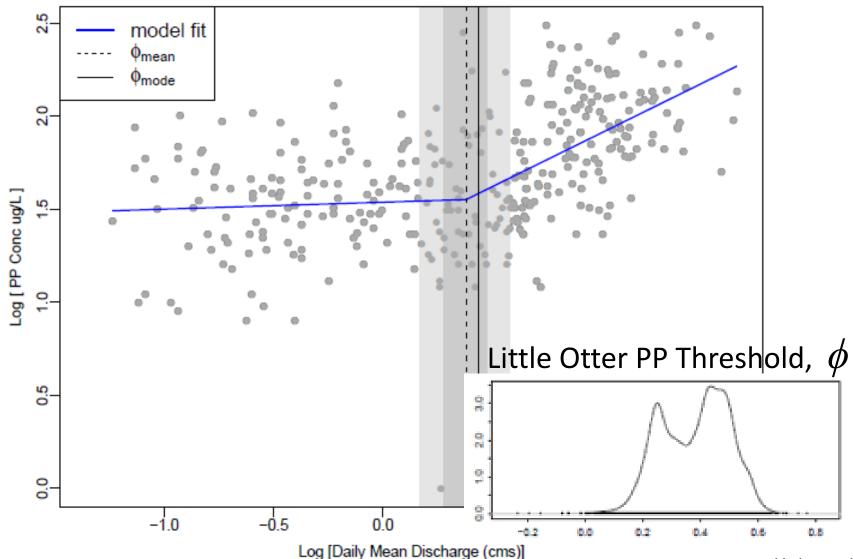
#### Bayesian Linear Methods



Underwood, 2017

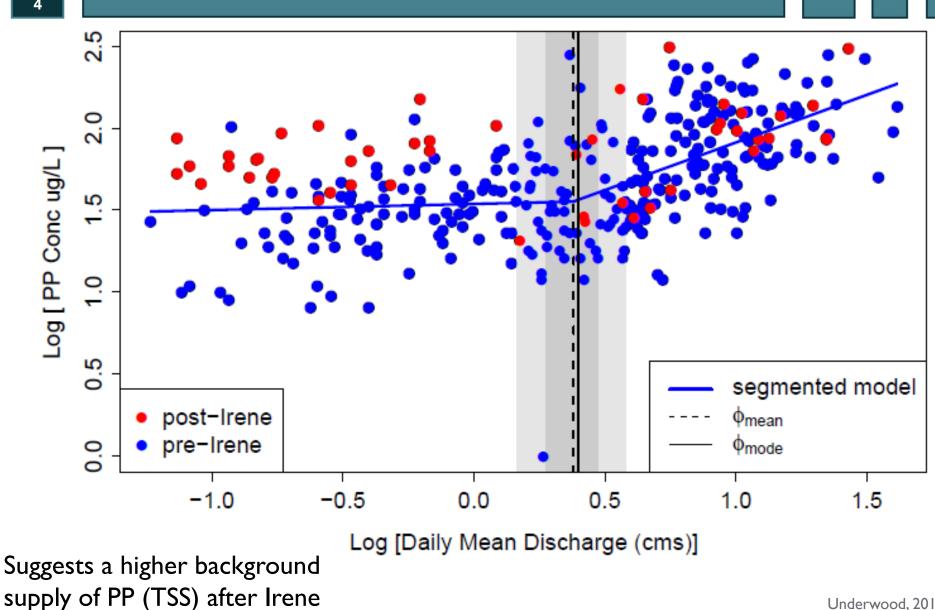
#### Little Otter Creek DEC Long-Term Monitoring Data



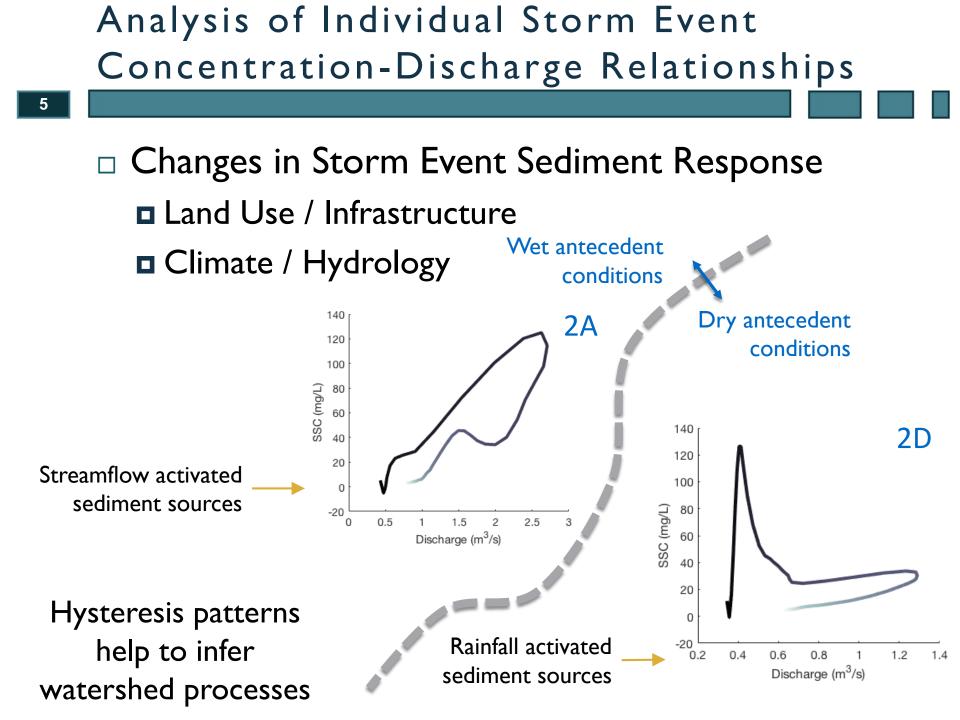


Underwood, 2017

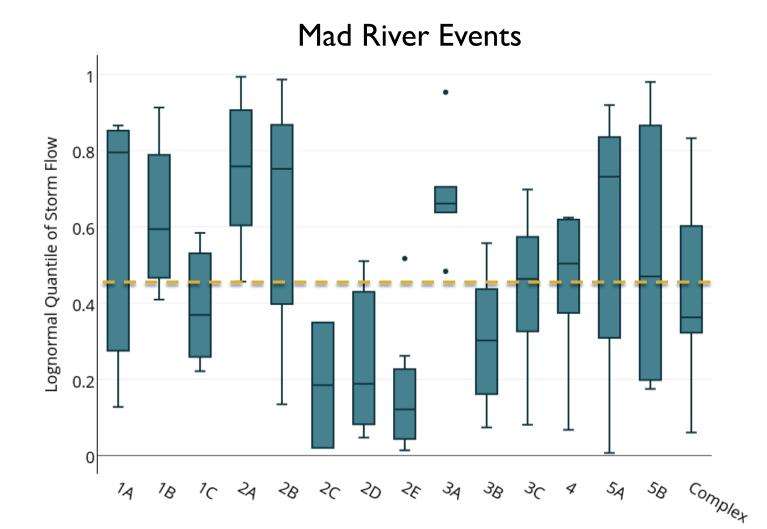
#### **Tropical Storm Irene Effect on** Little Otter Creek



Underwood, 2017



#### Hysteresis types and size of discharge event



### Seasonal trends in hysteresis types



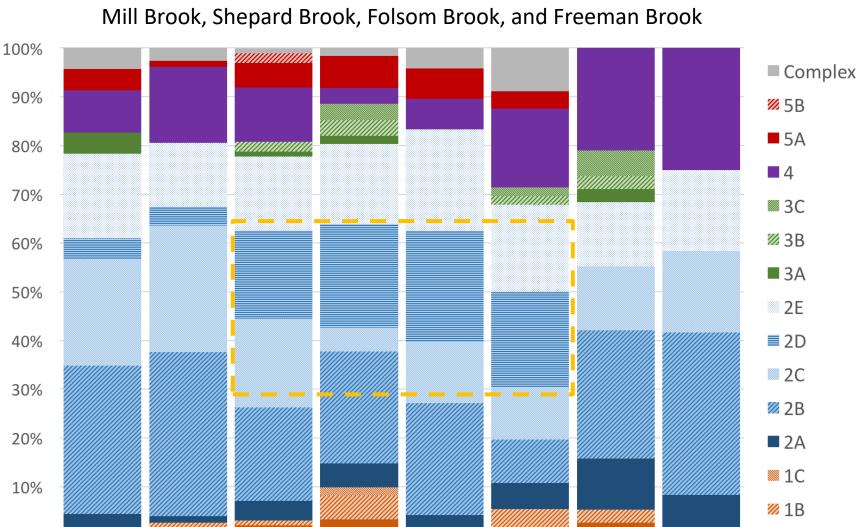
0%

May

June

July

August



September

■ ■ 1A

October November December