

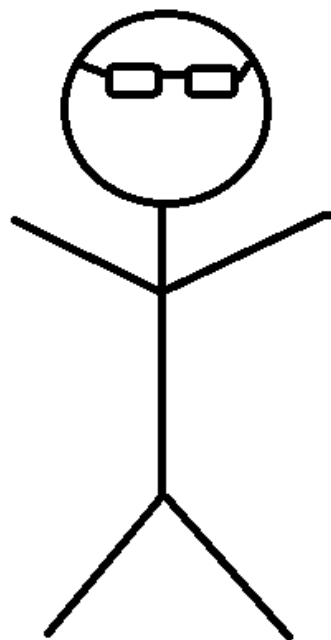
# EPSCoR and State Government

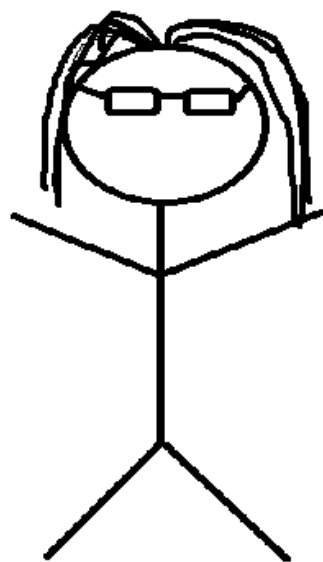
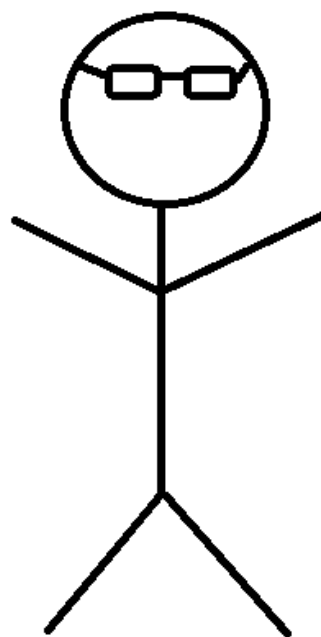
Brian Woods

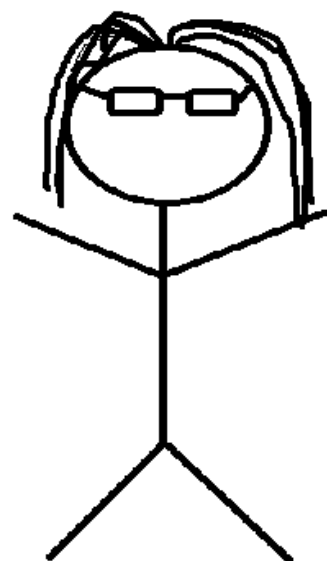
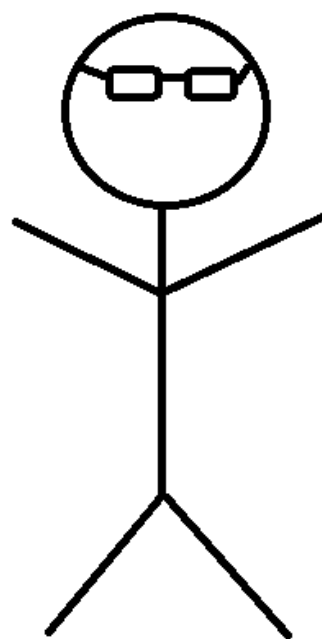


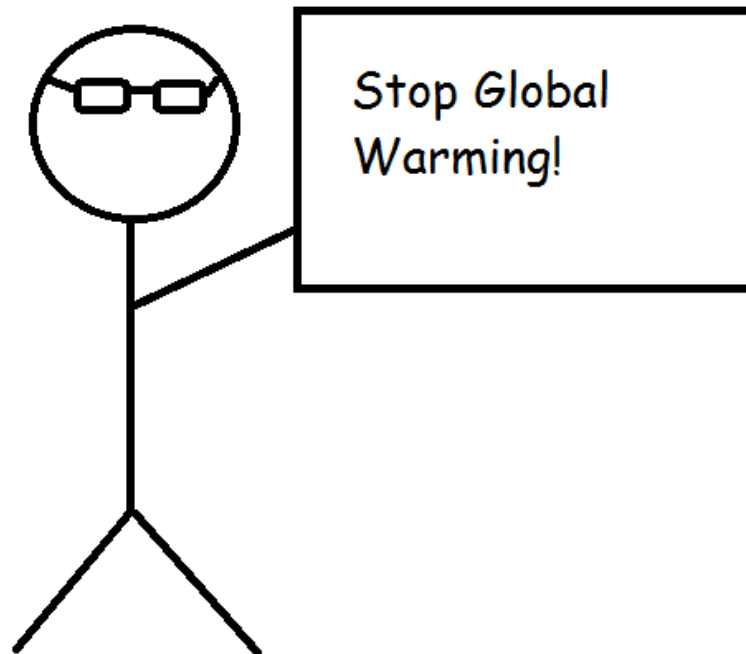
# EPSCoR and State Government

- ❖ State Government Organization
- ❖ Overview of DEC Watershed Management
- ❖ Example Project
- ❖ ANR Research Needs

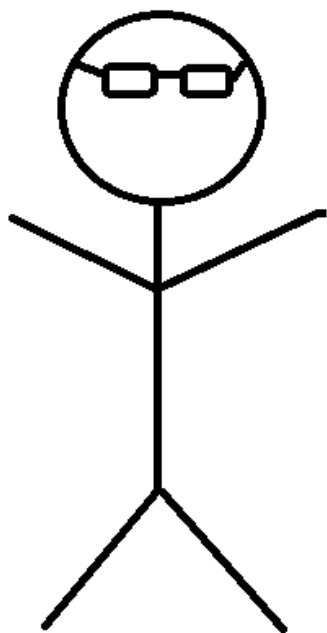








Department of Environmental  
Conservation - Air Pollution Division



## DEC Commissioner's Office

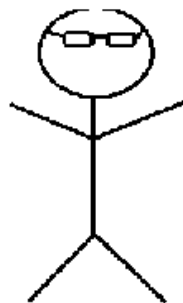
Drinking Water and  
Groundwater  
Protection

Facilities  
Engineering

Waste Management  
and Prevention

Watershed  
Management

Air Pollution





DEC Commissioner's Office

Drinking Water and  
Groundwater  
Protection

Facilities  
Engineering

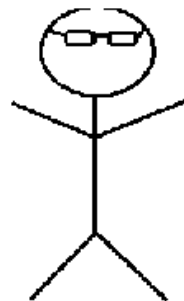
Waste Management  
and Prevention

Watershed  
Management

Air Pollution

Climate Change Team

+ Forestry,  
Fish & Wildlife



DEC Commissioner's Office

Drinking Water and  
Groundwater  
Protection

Facilities  
Engineering

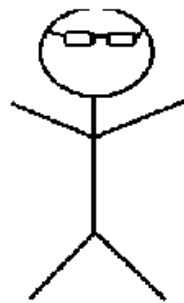
Waste Management  
and Prevention

Watershed  
Management

Air Pollution

Climate Change Team

+ Forestry,  
Fish & Wildlife



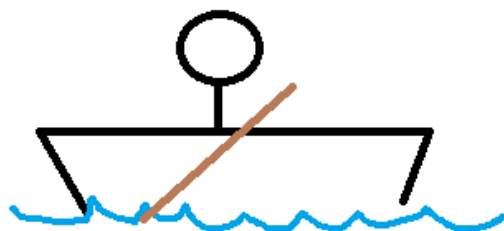
 @vtclimatechange

Agency of Natural Resources

DEC

Forests, Parks and Recreation

Fish and Wildlife



## Vermont Climate Cabinet



Agency of Administration  
Buildings and General Services  
Agency of Agriculture

Agency of Commerce and Community Development

Department of Economic Housing and Community Development

Department of Public Service  
VTrans  
Department of Health

DEC Commissioner's Office

Drinking Water and  
Groundwater  
Protection

Waste Management  
and Prevention

Facilities  
Engineering

Watershed  
Management

Air Pollution

# Watershed Management Division

## Lakes and Ponds Program

Eric Smeltzer, Angela  
Shambaugh

Lakes and Ponds Monitoring

Lake Champlain Data Set



# Watershed Management Division

## Monitoring, Assessment and Planning Program

Neil Kamman





# Watershed Management Division

## River Management Program

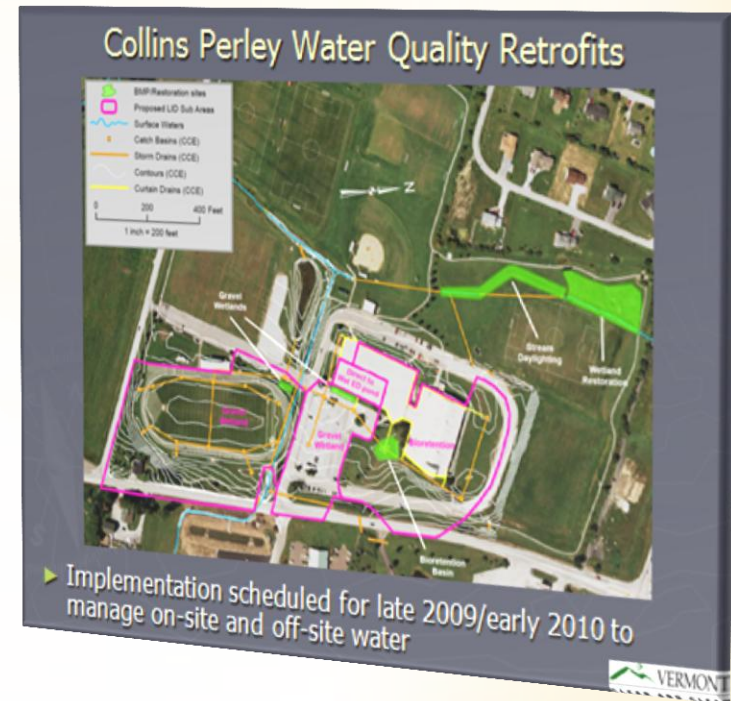
Mike Kline & Co.





# Stormwater Program

## Padraic Monks



# Watershed Management Division

## Wetlands Program

Alan Quackenbush



# Watershed Management Division

## Wastewater Program

Ginny Little



# Watershed Management Division

## Ecosystem Restoration Program

Kari Dolan





# Watershed Management Division

## Ecosystem Restoration Grants

- ❖ 2006 (\$1.3M)-2012 (\$2.5M) - Capital Funds
- ❖ Average of 40 projects/year
- ❖ Grant amounts between \$10K-\$75K
- ❖ Reduce surface water pollution from runoff



# Watershed Management Division

## Ecosystem Restoration Grants

Low Impact Development Opportunities in Waitsfield, Vermont

Dr. Stephanie Hurley - CALS

[http://www.friendsofthemadriver.org/documents/WaitsfieldLID\\_report.pdf](http://www.friendsofthemadriver.org/documents/WaitsfieldLID_report.pdf)



# ANR Staff Recommendations

# December 2011 Meeting

- ❖ Drivers and management control points for cyanobacteria blooms in Missisquoi and St Albans Bays
- ❖ Importance of the form of phosphorus in stimulating phytoplankton growth
- ❖ Role of nitrogen in shaping phytoplankton community structure
- ❖ Relative importance of the initial form of phosphorus in determining form that is discharged at river mouth
- ❖ Plus 6 more

