

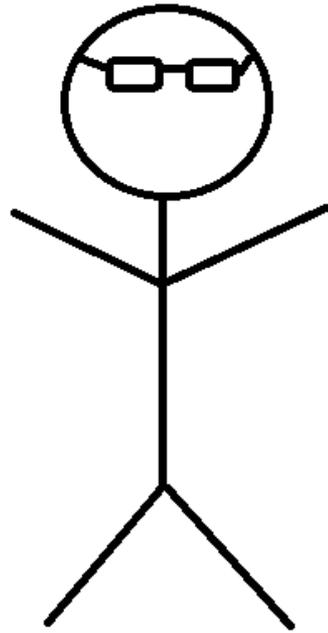
EPSCoR and State Government

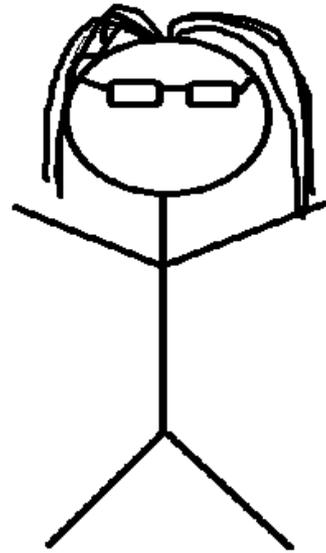
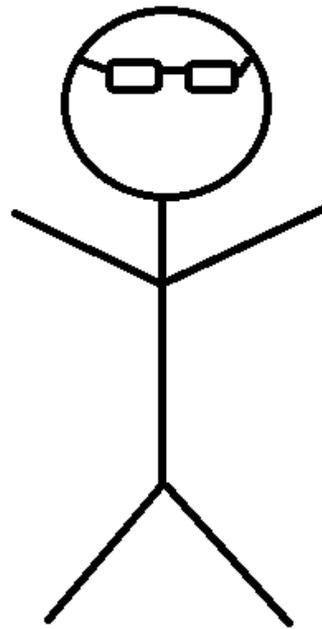
Brian Woods

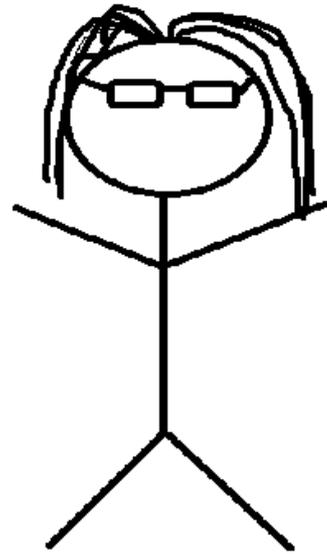
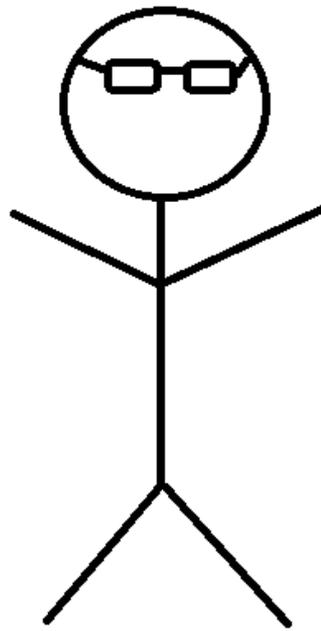


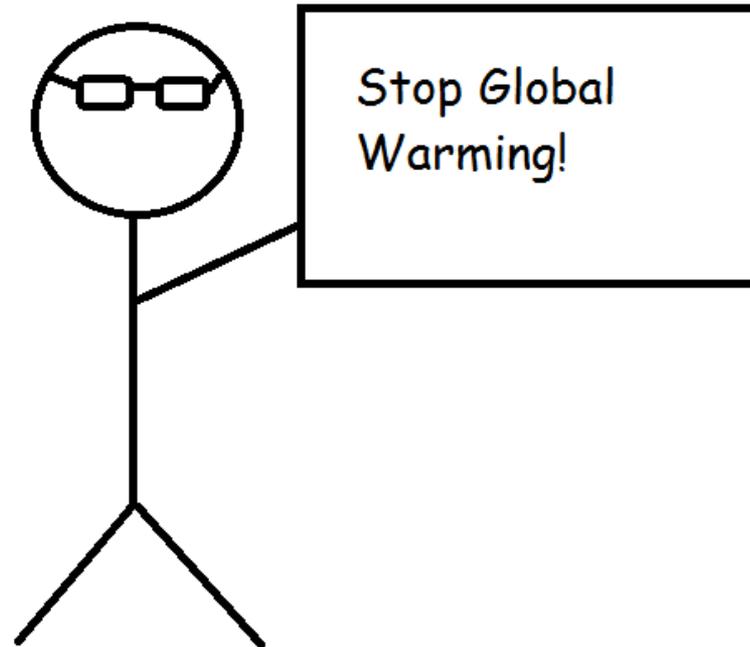
EPSCoR and State Government

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

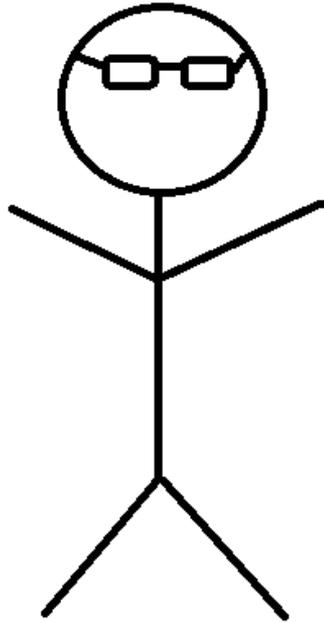








Department of Environmental
Conservation - Air Pollution Division



DEC Commissioner's Office

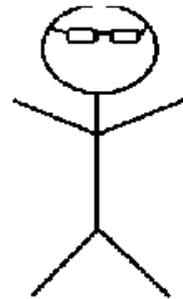
Drinking Water and
Groundwater
Protection

Facilities
Engineering

Waste Management
and Prevention

Watershed
Management

Air Pollution



DEC Commissioner's Office

Drinking Water and
Groundwater
Protection

Facilities
Engineering

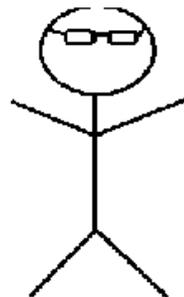
Waste Management
and Prevention

Watershed
Management

Air Pollution

Climate Change Team

+ Forestry,
Fish & Wildlife



DEC Commissioner's Office

Drinking Water and
Groundwater
Protection

Facilities
Engineering

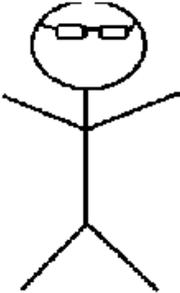
Waste Management
and Prevention

Watershed
Management

Air Pollution

Climate Change Team

+ Forestry,
Fish & Wildlife



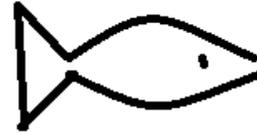
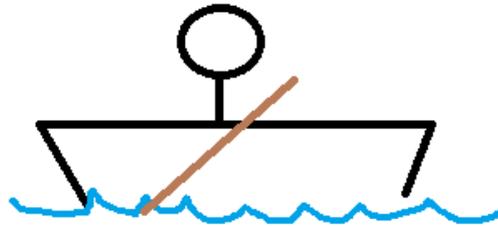
 @vtclimatechange

Agency of Natural Resources

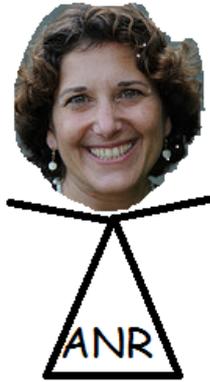
DEC

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

Facilities
Engineering

Waste Management
and Prevention

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

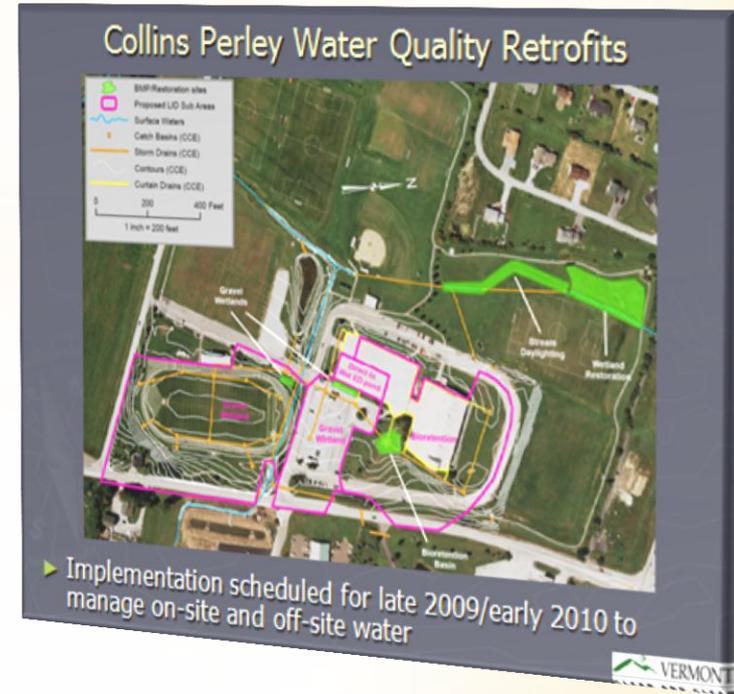
Mike Kline & Co.



Watershed Management Division

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



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

