

Southern Maryland Resource Conservation and Development, Inc.



2013 Annual Report

FOCUSING ON YOUTH



2014 St. Mary's Science Fair
Winner Colin Jonassen

For years, Southern Maryland RC&D has been working with youth on various projects. We have participated in County Science Fairs, History Day Competitions, Brain Battle Competitions and Scholarship opportunities. We have had numerous student board members actively serving on our board. We have also provided grants to local Boy Scout Troops for various projects and help send local students to the Intel International Science and Engineering Fair through our Mini-Grant Program. We look forward to working with more youth in the future.



Mission Statement

Working in partnership with community groups and organizations, Southern Maryland Resource Conservation and Development, Inc. is dedicated to improving quality of life in the region by enabling the people and promoting the wise use of our natural and economic resources.



April 2014

Dear Friend of RC&D:

Another year has come and gone. The Southern Maryland RC&D have had many challenges, but the board members have faced these challenges with many possibilities for the future of the RC&D program.

It is the professionalism, talent and hard work of the board that has made the program such a success. Many thanks Board Members.

The board is in the process of developing partnerships with many county programs and we hope to utilize our unique capabilities to combine technical and educational resource services to enhance the quality of life for our counties and those living there.

The board will be spending some exciting time together as we plan for the next five years. The board will have a retreat and focus on Strategic Planning. In this planning we will be looking for and identifying potential programs and funding possibilities for the Southern Maryland RC&D.

Great job Southern Maryland RC&D Board.



Sincerely,

*Patricia Pinnell, Chair
Southern Maryland RC&D*

AWARDS

SOUTHERN MARYLAND RC&D RECOGNIZED

Board Members Recognized for their Outstanding Service

2013 Annual Awards

The Southern Maryland Resource Conservation & Development Council (RC&D) recently celebrated another year of successful partnerships in Southern Maryland at their Annual Awards Dinner on April 11th at the King's Landing Park in Huntingtown, MD. Over 45 people attended the dinner including Senator Ben Cardin's Southern Maryland Representative Sue Kullen, St. Mary's County Commissioner Jack Russell, and Calvert County Administrator Terry Shannon. RC&D Board member Bill Clark made a power point presentation on RC&D's projects over the years in Calvert County, including our extensive natural resources management work with the US Navy. Awards were then presented to Board Members and Staff for their contributions. Luis Dieguez, District Manager at the Charles Soil Conservation District was awarded Board Member of the Year. Luis has been on the Board since 2004 and is very involved in the Navy projects at Indian Head Naval Base. Bill Clark, District Manager at the Calvert Soil Conservation District was given the W. Mitchell Digges Project Leadership Award for his services to the Southern MD RC&D Board. He is very active in the current Navy project at the Solomon's Rec. Center in Calvert County. Jim Bardsley received the Walter Bender Award for his service on the Board. He helped start the RC&D Scholarship Program last year. He is also the Vice Chair of Southern MD RC&D. Certificates of Appreciation were given to Danielle Crocker and Charlie Sasscer. Danielle is the student member from Calvert County and Charlie is a student member from St. Mary's County. An award was also given to Southern Maryland RC&D Office Associate Denitra Brawner, for her 20 years of service to RC&D. (See our [website](#) and [Gallery](#) for more photos.)



Chair Patricia Pinnell and
Secretary/Treasurer Bruce
Young



Cardin's Representative Sue Kullen
and Calvert County residents.



The attendees

NEWS

SOUTHERN MARYLAND RC&D ACTIVITIES

Southern MD RC&D Partners with Maryland Forestry Board Foundation, Inc.

Southern Maryland RC&D and the Maryland Forestry Board Foundation has partnered to make available two scholarships for full or part time Maryland resident students. A couple of requirements for the \$500 scholarships is to have a undergraduate GPA of 2.5 or at least a graduate level GPA of 3.0, and be a U.S. Citizen. One award is restricted to students residing in Southern Maryland the other is for any Maryland resident.

One of the 2013 recipients is a student from Frostburg State University. She is a Charles County Resident and has a double major in Wildlife and Interpretive Biology. The other recipient is a Prince George's County resident. He attends Towson University. He is pursuing a Master of Science degree in Biology.

For more information see <http://marylandforestryboards.org/mfbf.cfm>.

Southern Maryland RC&D Sponsors Local Softball Team

Southern Maryland RC&D sponsored a local Men's Slowpitch Softball Team this summer. Below are a couple photos of the team. Check out our website photo [gallery](#) for more photos. The team played several games in the St. Mary's County area.



Southern MD RC&D Mini Grant Program

Southern Maryland RC&D Board has announced that applications for the mini grant program are available. Projects selected for funding will assist RC&D in implementing its Annual Plan and Area Plan which are both focused on community development, land conservation, land management and water management in Charles, Calvert, St. Mary's and Anne Arundel counties.

The maximum amount for each mini-grant award is \$500. The Southern Maryland RC&D Board will accept applications at its office in Leonardtown via email, fax or regular mail. The mini grant program will operate on a rolling basis throughout the fiscal year (July 2013 to June 2014) while funds are available.

Applications are due the 1st of every month.

Visit the website at www.somdrcd.org for more information about RC&D.

Call the RC&D office at 301-475-8427 X 6 or email denitra.brawner@somdrcd.org if you are interested in applying and would like to receive an application.



SOUTHERN MARYLAND RC&D ACTIVITIES

US Navy Remains Important Partner for RC&D in 2013

The following is a summary of the Navy projects in which RC&D is involved:

COMPLETED in 2013

Creation of a Living Shoreline Using Dredge Materials at the Naval Recreation Center at Solomon's Island – In September 2011, RC&D entered into a Cooperative Agreement with the Navy to prepare an engineering evaluation and design plan to dredge approximately 3,500 cubic yards of sediment from a cove at the Recreation Center and place it in front of an eroded cliff face adjacent to the cove in order to create 800 linear feet of living shoreline. The design was completed and accepted by the Navy and construction of the living shoreline using the materials dredged from the cove was completed in August. RC&D contracted with Calvert SCD to provide all of the necessary design work and construction supervision to accomplish this project. In another phase of the Agreement, the Navy has asked RC&D to provide a design to construct an additional 750 linear feet of stone sills and breakwaters to create another living shoreline north of the area that was dredged. Calvert SCD was again contracted to provide the design and it was prepared and submitted to the Navy for the purpose of submitting permit applications.



Before



After

NEWS

SOUTHERN MARYLAND RC&D ACTIVITIES

NEW in 2013:

Hog Point Shoreline Repair – The Naval Air Station Patuxent River has asked RC&D to provide construction ready design and acquire all necessary state and federal permitting to repair 3,700 linear feet of rapidly eroding shoreline on the Patuxent River west of Hog Point. This area of the station is experiencing rapid erosion of the sand beach and this erosion is threatening to breach the fastland that separates the Patuxent River and Pearson Creek. RC&D entered into a Cooperative Agreement with the Navy in September and Coastline Design, PC and St. Mary's SCD have been contracted by RC&D to provide the design and to assist with the procurement of permits.

Pond 3/Holton Pond Naval Air Station Patuxent River – Pond 3 is the largest pond on the Naval Air Station and it has a very large drainage area contributing stream flow to it. The dam is more than 40 years old and 3 years ago, the original pipes that served as the principal spillway failed and had to be removed. RC&D had provided a reconstruction design plan to the Navy previously, and in 2013, the Navy acquired funding to reconstruct the dam. RC&D entered into a Cooperative Agreement with the Navy to remove the old embankment and reconstruct it to current standards and specifications. RC&D has contracted with St. Mary's SCD to provide project management and construction supervision of the repair effort.

ONGOING into 2014:

Phase III Shoreline Stabilization at Indian Head – Construction of the third phase of shoreline stabilization began in 2011. This phase of the implementation of the ongoing Shoreline Management Plan includes the stabilization of approximately 7,980 feet of Potomac River shoreline. Two areas of this shoreline stabilization work had bank heights in excess of 70 feet high that had been rapidly eroding. RC&D is partnering with the Charles Soil Conservation District to accomplish this effort. The District is providing project management and inspection and construction supervision. Design work for this phase was provided by Coastline Design, P.C. of Achilles, Virginia. The shoreline construction was completed in August, and RC&D has partnered with the National Aquarium to perform the planting of stabilized areas with native vegetation. Approximately 45,900 wetland plants and 2000 trees and shrubs have been planted using volunteers under the supervision of the Aquarium's highly trained staff. The project is expected to be completed by June 2014.

Stream Restoration and Habitat Improvement, Naval Support Facility Indian Head—The RC&D has entered into a Cooperative Agreement with the Navy to remove a collapsed culvert and 1000 cubic yards of fill material from a small stream and to restore the area to natural conditions. As part of the same agreement, we will

also create a wooded shallow water area for wildlife at a separate site. We have partnered with Charles SCD to prepare the design work, secure necessary permitting and supervise the construction.

Point Lookout Theodolite Tracking Station Shoreline Protection—The Navy had requested that the RC&D provide the design work and permit requirements needed to repair 300 linear feet of deteriorated revetment that protects the Tracking Station on an exposed site of the Chesapeake Bay. The Design was completed in September and the Navy has modified the Cooperative Agreement to have RC&D construct the revetment repair as designed. RC&D has contracted with St. Mary's SCD to supervise the construction. All work is expected to be completed by November 2014.

Phase IV-B Shoreline Stabilization at Indian Head – RC&D has entered into a contract with Coastline Design, PC to prepare the design work needed to construct an additional 6,255 linear feet of living shoreline along the Potomac River and Mattawoman Creek on the Naval Support Facility at Indian Head. With completion of this Cooperative Agreement, RC&D will have provided the Navy with construction ready final designs and cost estimates for all areas on Indian Head that currently have active Maryland Department of Environment and US Army Corps of Engineers wetland permit approval.

HIGHLIGHTS

2013: A YEAR IN REVIEW

Other Activities with Southern Maryland Schools

Science Fairs

RC&D Staff and Board members volunteered to judge science fairs in Anne Arundel, Calvert, Charles and St. Mary's Counties. Four students from each county were chosen to receive certificates, a cash award and a Southern Maryland RC&D T-Shirt.

Anne Arundel Winners

Senior First Place—Elizabeth Schepens—How Does Your Boat Fuel Affect Our Bay's Plants?
Senior Second Place—Harlee Tripp—Cleansed or Contaminated
Junior First Place—Caitlin Keller—The Heat Is On! The Greenhouse Effect
Junior Second Place—Elizabeth Keller—Do Step Ponds Improve the Environment?

Calvert County Winners

Senior First Place—David Alman, Rohan Raman & Sage Muffley—Personal Power: Application of Wind Turbines in Low Energy Situations
Senior Second Place—Kimberly Lopez—Zapped? What are Electronics Doing?
Junior First Place—Liam Dobbins—The Effects of Wind Speed & Turbine Diameter on Power Production
Junior Second Place—Stefan Hernandez—Weather Factors that Cause Fog

Charles County Winners

Senior First Place—Taylor Stark—Impervious Surfaces
Senior Second Place—Claudia McGuire—The Effectiveness of Different Types of Riprap on Sand Erosion
Junior First Place—Mikie Gonzales—How the pH of Soil Affects Water
Junior Second Place—Calla Ziebell—Do Additives Affect Growth?

St. Mary's County Winners

Senior First Place—Rebecca Wolf—Energy's Future: Is it Underwater
Senior Second Place—Michael Lopez—Hydrokinetic Energy System
Junior First Place—Finnegan O'Neill—Crops and Soils Erosion on a Hill
Junior Second Place—Clayton Crownover—Solar Cubes

History Day

In March, Southern Maryland RC&D gave a \$50 check to Varanika Sharma for her History Day project. Her title was: The New Normal: Prosthetic Limbs Bring Normal Back to the Lives of Amputees: The Reaction to Pearl Harbor. The theme was "Turning Points in History, People, Ideas, and Events". Students were to interpret a theme and apply it to their chosen topic of study. As a final product students choose to create a historical paper, a museum style exhibit, a performance, a documentary or a website to show their project.

Brain Battles RC&D Special Award

RC&D participated in the Spring Ridge Middle School Brain Battles competition held at the school. Judges looked for well-designed and thoroughly completed scientific research projects. Awards were given for best presentation. The following Spring Ridge students were winners for RC&D:

Prince Iroanya—Indoor Air Pollution
Emily Imhof—Energy Conservation
Finnegan O'Neill—Soil Conservation

Congratulations to all our winners!

Open RC&D Board Positions

Southern Maryland RC&D is currently searching for Board Members to serve our communities. There are a total of five open positions, with representatives needed for the Charles Forest Conservancy District Board, Charles County Student, County of Anne Arundel, Anne Arundel County Student and Calvert County Student. Additional Board Appointee positions are also open. Board Members serve for a period of three years and student members serve for two years and both have numerous opportunities to develop both professionally and personally, working with a talented group of professionals from Southern Maryland's four-county area. For more information, please contact the RC&D office at (301) 475-8427 X 6.

SOUTHERN MARYLAND RC&D BOARD

Board of Directors

The Southern Maryland RC&D is composed entirely of volunteers from the communities we serve. There are currently 16 Board Members serving Southern Maryland RC&D's four-county area. If you are interested in finding out how you can serve on Southern Maryland RC&D's Board of Directors, please contact us at (301) 475-8427 X 6.

SPONSOR REPRESENTED

MEMBER

Calvert Forest Conservancy District Board.....	Jill Lee
St. Mary's Forest Conservancy District Board.....	Patricia Pinnell
Charles Forest Conservancy District Board.....	Vacant
Anne Arundel Forest Conservancy District Board.....	James Bardsley
Calvert Soil Conservation District.....	William A. Clark
St. Mary's Soil Conservation District.....	Donnie Ocker
Charles Soil Conservation District.....	Luis Dieguez
Anne Arundel Soil Conservation District.....	John Czajkowski
Tri-County Council.....	Jennifer David
County of Anne Arundel.....	Vacant
Calvert County Commissioners.....	Steve Weems
St. Mary's County Commissioners.....	Bruce Young
Charles County Commissioners.....	Michael Pellegrino
Calvert Student Representative.....	Danielle Crocker
Charles Student Representative.....	Vacant
St. Mary's Student Representative.....	Charlie Sasscer
Anne Arundel Student Representative.....	Vacant

RC&D BOARD APPOINTED

Tommy Wright

Olga Walter

John Downs

EXECUTIVE BOARD (2012-2014)

Chair - Patricia Pinnell
Vice Chair – James Bardsley
Secretary/Treasurer - Bruce Young
Member - Tommy Wright (St. Mary's)
Member – Jennifer David (Charles)
Member – William A. Clark (Calvert)
Member – John Czajkowski (Anne Arundel)

RC&D Staff

Office Associate—Denitra Brawner
Executive Director—Al Stewart

SOUTHERN MARYLAND RC&D PARTNERSHIPS

PARTNERS

Acknowledgements

The Southern Maryland RC&D Board extends sincere appreciation to the following individuals, groups, agencies and organizations for their assistance and support in carrying out projects and activities. Partnerships are the key to accomplishing projects and the successful operation of the RC&D program in Southern Maryland.

Anne Arundel County –

- Board of Education
- Fire and Rescue
- Forestry Board
- Office of the County Executive
- Soil Conservation District

Calvert County –

- Board of Education
- Commissioners
- Fire and Rescue
- Forestry Board
- Soil Conservation District

Charles County –

- Board of Education
- Commissioners
- Forestry Board
- Soil Conservation District

Coastline Design, P.C.

Community Foundation of Southern Maryland

Dept. of the Interior National Parks Service

Federal Legislators –

- Representative Steny H. Hoyer
- Representative John P. Sarbanes
- Representative C.A. Dutch Ruppersberger, III
- Senator Benjamin L. Cardin
- Senator Barbara Mikulski

Maryland Association of Soil Conservation Districts

Maryland Dept. of Natural Resources Forestry Services

Maryland Eastern Shore RC&D Council

Maryland Forest Association

Maryland Governor Martin O'Malley

Maryland Historical Trust

Mid-Atlantic RC&D Association

National Aquarium in Baltimore

National Association of RC&D Councils

National Fish and Wildlife Foundation

National Park Service

Potomac Heritage Trail Partners

Southern Maryland Chapter—Farmers and Hunters Feeding the Hungry (FHFH)

St. Mary's County –

- Board of Education
- Commissioners
- Fire and Rescue
- Forestry Board
- Soil Conservation District

State Delegates –

- Benjamin Barnes
- Pamela G. Beidle
- John Bohanan, Jr.
- Michael E. Busch
- Robert A. Costa
- Donald H. Dwyer, Jr.
- Mark Fisher
- Barbara Frush
- Ronald A. George
- Sally Y. Jameson
- Nicholaus R. Kipke
- Mary Ann Love
- Tony McConkey
- Herbert McMillan
- Peter Murphy
- Anthony J. O'Donnell
- Joseline Pena-Melnyk
- James E. Proctor, Jr.
- Steven Schuh
- Theodore J. Sophocleus
- Joseph F. Vallario, Jr.
- Cathleen Vitale
- C.T. Wilson
- John F. Wood, Jr.

State Senate

- John C. Astle
- James E. DeGrange, Sr.
- Roy P. Dyson
- Thomas "Mac" Middleton
- Thomas V. Mike Miller, Jr.
- James Rosapepe
- Bryan W. Simonaire

Tri-County Council

University of Maryland Extension

USDA Natural Resources Conservation Service

USDA Farm Service Agency

USDA Forest Service

USDA Rural Development

US Department of the Navy

Patuxent River Naval Air Station

Naval Support Facility Indian Head

Naval Research Lab Chesapeake Bay Detachment

US Naval Academy

Naval District Washington, Solomons

Webster Field Annex, Pax River

Volunteer Fire Departments and Dive Teams

Western Maryland RC&D Council

Southern Maryland RC&D Board, Inc.

Statements of Financial Position
June 30, 2013 and 2012

	<u>2013</u>	<u>2012</u>
Assets		
Cash and cash equivalents	\$ 496,617	\$ 655,611
Certificates of deposit	92,388	101,865
Grants receivable	71,241	33,782
Prepaid expenses	2,560	2,560
Property and equipment, net	<u>9,008</u>	<u>13,924</u>
Total assets	<u><u>\$ 671,814</u></u>	<u><u>\$ 807,742</u></u>
Liabilities and Net Assets		
Liabilities		
Accounts payable and accrued expenses	\$ 9,097	\$ 16,001
Refundable advances	418,760	589,875
Due to other organizations and governments	<u>45,852</u>	<u>45,295</u>
Total liabilities	<u>473,709</u>	<u>651,171</u>
Net Assets		
Unrestricted	193,375	144,641
Temporarily restricted	<u>4,730</u>	<u>11,930</u>
Total net assets	<u>198,105</u>	<u>156,571</u>
Total liabilities and net assets	<u><u>\$ 671,814</u></u>	<u><u>\$ 807,742</u></u>

Southern Maryland RC&D Board, Inc.

Statement of Activities
For the Year Ended June 30, 2013

	<u>Unrestricted</u>	<u>Temporarily Restricted</u>	<u>Total</u>
Revenue and Support			
Federal grants	\$ 1,594,968	\$ -	\$ 1,594,968
Non-federal grants	875	-	875
Administrative fees	202,279	-	202,279
Conference and other income	3,254	-	3,254
Investment income	1,215	-	1,215
Released from restrictions	7,200	(7,200)	-
Total revenue and support	<u>1,809,791</u>	<u>(7,200)</u>	<u>1,802,591</u>
Expenses			
Program services	1,723,087	-	1,723,087
General and administrative	37,970	-	37,970
Total expenses	<u>1,761,057</u>	<u>-</u>	<u>1,761,057</u>
Change in Net Assets	48,734	(7,200)	41,534
Net Assets , beginning of year	<u>144,641</u>	<u>11,930</u>	<u>156,571</u>
Net Assets , end of year	<u>\$ 193,375</u>	<u>\$ 4,730</u>	<u>\$ 198,105</u>



For more information about
Southern Maryland RC&D,
please visit our website.

www.somdrcd.org

Southern Maryland Resource Conservation and Development Board, Inc.
26737 Radio Station Way, Suite D
Leonardtown, Maryland 20650

Phone: (301) 475-8427 X 6
Fax: (301) 475-8391

Email: somdrcd@somdrcd.org

MAKING THINGS HAPPEN
2013
ANNUAL REPORT
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Donate Now Online! Southern Maryland RC&D can now receive your tax-deductible donations online securely and easily. If you've been considering making your charitable donation to Southern Maryland RC&D, but just haven't had the time to print and mail the donation form, please take advantage of this fast, safe, and easy method of payment online. Or, for those who prefer traditional mail or would like to make an anonymous donation, the printable donation form is still available online at www.somdrcd.org or by contacting our office at (301) 475-8427 X 6.