MEDIA PIECES

Students in CES301/302 demonstrate their communication skills by using different forms of media to inform the public about the projects they completed. Using media such as newsletters, public service announcements, letters to the editor and ads, students incite interest of the importance of Lake Sunapee’s watershed to the public. These forms of media are a powerful tool that agencies may use to communicate to different stakeholders and can be used to incite interest or action of stakeholders within a community. The Chapter includes various media pieces completed by each student as well as a group-produced newsletter.

We used several sources to complete this assignment but we primarily worked with:

The CES Expo: Come and See What They Have Done This Year

You may have seen one or more of these students during the last several months collecting information, asking questions or just walking around with notebooks in New London, Sunapee, Goshen, Springfield, Sutton, or Newbury. On Wednesday, April 28, 2004 from 3–7p.m., come to the Ware Campus Center at Colby-Sawyer College and see what they were doing at the Community and Environmental Studies Expo. It will be featuring the work that the Third Period Project Class (pictured above) did in compiling a lake inventory for Lake Sunapee and its watershed. It has information about just about anything you would want to know about the lake. Also come and see the Watershed Reports for each of the six towns listed above. You may learn something about your town that you never knew before. The Expo will also display projects done by the other classes in the program. It should be a very interesting and worthwhile experience so, come down and check out what the CES students have been up to. I know I’ll be there. Hopefully I will see you there too.

Paul Barrile
Lake Sunapee Watershed Project Portfolio – Media Pieces

Lake Sunapee Area Fact Sheet

Micah Mitchell

As the world around us changes so does the environment that we live in. The Lake Sunapee region is place unique to New Hampshire, with the lake at the heart of most activities. Yet this uniqueness and the draw to this area have raised concerns over the health of the lake, as well as the surrounding hills and forests. As environmental issues become more of a concern to those that live in this area as well as those that visit it, it becomes important to be informed of the these issues as well as what is being done about them. As part of the Lake Sunapee region, the students of Colby-Sawyer College’s Community and Environmental Studies program have been studying the area and keeping an eye on what is happening around the lake.

• **Invasive aquatic species:** Milfoil was found in Lake Sunapee in the summer of 2001 and was controlled and since close monitoring has been done in this infected area as well as closely watching the rest of the lake for possible sites. As of July 2003, invasive milfoil has not been discovered in any new areas of Lake Sunapee and has been kept “in check” at one site where it was first discovered.

• **Rate of development** is an area that has given rise of concern to many residents as well as second homeowners. The rise of new homes being built, both within and outside of the watershed have shown a trend of increase from the previous to the next. The class is still studying this area of concern and soon we will have more results on our findings.

• **Impervious surfaces** are another area that is of concern as well as one that is still being investigated. This issue goes hand in hand with the previous one, for the more development that takes place the more impervious surface is found, and this directly related to the amount of runoff as well as the speed of which this runoff enters the lake. Lots of close development right along the lakes edge will promote high amounts of runoff compared to an area that has pervious surfaces and buffers.

• **Looking Ahead** the students in the program plan to continue collecting the data needed as well as completing different areas that need to be addressed. All the work that these students have done will not only be beneficial to them but to the residents in the Lake Sunapee region, as well as to the Lake Sunapee Protection Association who plan on using the data and information colleted to design a long-term watershed planning initiative for the region.

• **More information** can be learned about this program and the work that has been done by attending the May 8th final presentation of the class at the Tracey Library, in downtown New London at 8:30 am.
What is a watershed?
A watershed is the area of highest elevation that surrounds a waterbody, allowing precipitation to shed into that body of water.

Where is Lake Sunapee’s Watershed?
There are six towns within the watershed, Goshen, Sunapee, New London, Newbury, Springfield, and Sutton. There are points of elevation surrounding the lake that lie within these towns, but this does not mean the entire town is in the watershed; in fact, the town of Goshen has just a small corner that lies within the boundary.

Why is it important?
When precipitation falls on high elevation it sheds downhill, it acts as a carrier of pollutants, minerals and other such elements, which get deposited into the waterbody. This is important because a body of water can be negatively affected by what is shed into it. It is especially important to make sure the water is clean so that it continues to provide clean, safe drinking water, while also a clean, safe habitat to sustain aquatic life.

What is being done to protect the Lake Sunapee watershed?
There are organizations working to create a lakes management plan, which will include watershed management, as well. The Lake Sunapee Protective Association (LSPA), the Upper Valley Lake Sunapee Regional Planning Commission (UVLSRPC), and the New Hampshire Department of Environmental Services (NHDES) have been working collectively to protect and manage the watershed of Lake Sunapee. One project was possible in part by grants from the NHDES to the LSPA to reduce the amount of pollution entering the lake via road runoff.

These organizations are very helpful, but what is most important is gaining help from those residents within the watershed. This is your lake, you swim, fish and enjoy what the lake has to offer, but remember, this is your drinking water, too. Help protect the lake and its watershed.

For more information call….or email at…. 
To The Editor:

On behalf of the students of the third year Community and Environmental Studies, I wanted to talk about a few of the projects we have undertaken this year. CES 302 is a major requirement that utilizes unconventional teaching methods and projects. This year our class worked with New Hampshire Department of Environmental Services and Lake Sunapee Protection Association to compile information in what is known as a lake inventory for Lake Sunapee.

Our class covered two semesters and 18 credits of work. During this time we spent many hours in the field conducting research and finding information. The goal of the year was to answer a 93 question, Lake Inventory for NH DES. The lake inventory will be used as a reference tool for future land management and preservation efforts in the Lake Sunapee watershed.

We would like to invite all students and staff and community members to come to the Community and Environmental Studies Expo on April 28th in Wheeler Hall. On display will be examples our year worth of work as well as contributions from other CES classes. Any students that are interested in possibly becoming a Community and Environmental Studies major should definitely check it out. The Expo would be an excellent place to see the type of work that students encounter through out the major. Community members are also encouraged to come and see the work that has been done to help preserve the watershed area.

Thank You,

Greg Van Steinburgh
Letter: Colby-Sawyer College’s annual Community & Environmental Studies EXPO

Your readers should be informed that the Community & Environmental Studies (CES) Expo, an exhibit of the work accomplished by the students of the Community Environmental Studies program at Colby Sawyer College, will be open at Wheeler Hall on April 28th from 3 to 7 PM. This exhibit will consist of various topical displays on the Lake Sunapee Watershed, and will feature a large map of the watershed which the students have been upgrading to present the latest geographical information on this large interdependent area.

The well-being of Lake Sunapee has long been of great interest to everyone around its shores, but the awareness that the lake is only the most visible focus of a much larger watershed whose overall health determines the condition of the lake is a more recent result of ecological thinking. The recently established CES Program at Colby-Sawyer College seeks to address such broad concepts, and especially to educate the public in the insights that only a broad overview can provide. We believe that, by understanding the ecosystem of the watershed as a whole, leadership groups and political entities around the lake will be empowered to coordinate their efforts to meet the challenges of the future. To help with this goal, our primary focus for this academic year has been to assist the Lake Sunapee Protective Association in completing the Sunapee portion of the New Hampshire Comprehensive Lake Inventory, which is the first important step in planning successful watershed management.

Please come to our Expo on Wednesday, see what we are doing, and work with us to ensure that Lake Sunapee will always enrich the lives of those who live along its shores. Thank you for your time.
“THE POWER IS YOURS!”

You know you’ve all done it. Once a discussion has started about one of our core courses, Air, Water, or Earth, you have to throw in Fire and Heart followed by, CAPTAIN PLANET! We Community and Environmental Studies majors have all heard it again and again and so on. My question to you is have you ever wondered what we really do? Our 3rd year project, which typically enrolls juniors and seniors, is an intense 12 credit course in the fall followed by a 6 credit session in the spring. This year our project focus has been on Lake Sunapee and the surrounding towns, including our quiet little town of New London. Over the past eight or so months we have been working to complete a 93 question Comprehensive Lake Inventory which was designed by a team of workers at New Hampshire’s Department of Environmental Services. Along with these questions, we have done additional research in Lake Sunapee’s Watershed area. Pictured below is one of numerous maps that students in the 3rd year project have created this year using a computer mapping program called Arc View. New London is located in the center on the right side and is shaped like an arrow. The wavy outline surrounding Lake Sunapee represents the watershed’s boundaries which covers an area of over 30,000 acres. The key issues we have been investigating this year include researching what kind of activities take place inside the watershed boundary and how these activities have either a positive or negative affect on the health of the lake. For instance, practices such as building new houses or fertilizing lawns can have negative effects on the lake because of chemical runoff and soil erosion.

So far we have found that the biggest threat to Lake Sunapee’s health is the growth of invasive aquatic species called milfoil. An invasive species is a plant that does not grow naturally in the area but has somehow been brought in by an outside source. One way, which is the most likely reason milfoil is found in Lake Sunapee, is that boats bring milfoil in on propeller blades. The reason that this plant is such a threat to the lake is that it grows very rapidly and is hard to get rid of. Milfoil will soon shade out native aquatic plants and deny them the necessary sunlight needed for survival. An additional reason why milfoil grows so quickly is because it has no predators. Fish and other organisms will not eat it and therefore, if milfoil kills off other native plants, there will be no food sources left for the lake’s creatures. Hence, this situation calls for human intervention which has been led by a local organization known as the Lake Sunapee Protective Association (LSPA). Members of the LSPA have been
keeping a close watch on the milfoil which was first spotted in Georges Mills Harbor at the northern most tip of the lake.

Our class has been working in conjunction with this organization because of their interests in our project. Once the Comprehensive Lake Inventory is completed we will present our findings to the LSPA along with some of our suggestions. This is a very exciting aspect of our project this year because we are not just working towards a final grade. Our finished project will be used as a reference for LSPA while they develop an important watershed management plan which will be used by the surrounding towns in an attempt to further protect the health of Lake Sunapee.

If you’d like to learn more about our project this year as well as the entire Community and Environmental Studies major come on down and see our work at the CES Expo in the Ware Campus Center on April 28th from 3-7pm. Don’t forget “the power is yours!”

-Stacey Philbrook
For Immediate Release:
Contact: Joseph J. Jennings
Community and Environmental Studies (CES) Student at Colby-Sawyer College (CSC)

Lake Sunapee Watershed and Other Related Projects Completed By CSC Students

Over the past two semesters, twelve third year CES students have worked closely with the Lake Sunapee Protective Association (LSPA) towards the completion of a New Hampshire Comprehensive Lakes Inventory, focused on Lake Sunapee and its watershed. Other projects incorporated with this Inventory include a Natural Resources Inventory (NRI) of the watershed and a Watershed Investigation on the towns of the watershed. Through the completion of these projects, a wide-range of information and facts about the watershed and the health of it and the lake can be found in one document, rather than countless documents scattered around the state. Completion also gives the LSPA complete and comprehensive data regarding numerous aspects of the waterbody and the watershed.

Recognized as the first totally completed Lakes Inventory in the state, students looked at such simple things as the size of the waterbody and watershed, fish species of the lake, and conserved lands within the watershed; to complex aspects such as areas of concern (rate of development, impervious surfaces, etc), land usage within the waterbody, and types and abundance of watercraft usage on the lake.

The Watershed Investigation project looked at the towns within the watershed. Students broke into groups of three-four students, each group focusing on one town. This led to a deeper and more thorough knowledge of the single town. Students looked at such aspects as zoning regulations, conserved and unfragmented lands, population, area within the watershed, and rate of development.

The NRI was also focused on the watershed and it features. Students worked in pairs to create appropriate maps and critiques of these maps. Areas studied include, but are not limited to; conserved/unfragmented lands, land usage, point-source areas of concern, and the wetlands of the watershed.

Finalized data and completed work will be available for viewing at the Environmental Expo at Colby-Sawyer College. All students will be present to discuss the class and projects, as well as offer answers and explanations for any questions one may have. Please feel free to join us Wednesday, April 28, 2004, from 3:00 – 7:00pm, in Wheeler Hall on the Colby-Sawyer College Campus.
Public Service Announcement

Emily Goodrich

Come to Colby-Sawyer College on April 28th for the Community and Environmental Studies Expo. Students will be displaying their yearlong work on the area around Lake Sunapee. Their Projects consist of: Natural Inventory Reports, Watershed Investigation of the lake, the New Hampshire Comprehensive Lake Inventory, and much more. These students have been working hard and want to share their work with the community. So come on April 28th to Wheeler Hall of Colby-Sawyer College for the CES Expo from 3pm to 7pm. For more information call 603-526-3444.

Public Service Announcement

Tamsen Bolte

The Community and Environmental Studies Program at Colby-Sawyer College has been conducting a year-long investigation concerning the Lake Sunapee Watershed. Their research will provide valuable information about the health of the land and water system. Questions about recreational value, unique features, and susceptibility to impairment were answered, which will in return help assist the Lake Sunapee Protective Association, LSPA, and local municipalities in developing new land management regulations. On Wednesday April 28th, these students will be presenting their work at the Ware Campus Center, from 3:00-7:00, at the Annual CES Expo. All are welcome to come, with special encouragement to attend for those living within the watershed. Come and learn about where you live! For additional information about the projects and/or Expo, please call 603-526-3444.

Gordon Krantz

Public Service Announcement

Lakes Sunapee in New Hampshire is a sanctuary for animals, a recreation spot for tourists, and an area of pristine beauty. The Lake Sunapee watershed is a natural lake as well as a natural treasure, but one that is increasingly threatened by pollution and significant changes in water quality and tourists. Wouldn’t you want to know what the current state of the watershed is and how to protect this lake for your kids and their children? You can protect this natural treasure by contributing to this effort supporting the Colby Sawyer College Community and Environmental Studies watershed investigation program, geared at educating people about the status of the watershed with the hope that it will remain a natural treasure for years to come. For more information on the CES watershed study contact John Callewaert at 603-526-3793 or email at jcallewaert@colby-sawyer.edu
http://www.colby-sawyer.edu/academic/ces/curriculum/thirdyearprojects/index.html

Colby Sawyer College’s involvement in the Lake Sunapee Watershed with collecting data and completing the Comprehensive Lake Inventory