

# 1996 Summer Environmental Education Institute

## “Forest, Wildlife and People”

### Summary Report

#### WESTERN NEWFOUNDLAND



MODEL FOREST  
NETWORK

RÉSEAU DE  
FORÊTS MODÈLES

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*Environmental*  
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*An Initiative of Westviking College*

# FORESTS, WILDLIFE AND PEOPLE



An Environmental Education Institute  
August 18-23, 1996  
Killdevil Lodge, Gros Morne National Park  
Newfoundland, Canada  
An initiative of:  
Education Working Group  
Western Newfoundland Model Forest

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## Sponsors:

Department of Forest Resources and Agrifoods  
Corner Brook Pulp and Paper  
Abitibi-Price

## Coordination:

Centre for Forest and Environmental Studies  
Chris Dawe, Conference Coordinator  
Martin von Mirbach, Sustainable Development Chair

## Planning Committee:

Barry LeDrew, Dan Murphy, Lucy O'Driscoll, Paul Peddle, Fred Smith, Rubin Vineberg

## Resource People:

Dan Murphy, Education Working Group  
Paul Peddle, Department of Forest Resources  
and Agrifoods  
Anne Marceau, Gros Morne National Park  
Claire Dalfen, Canadian Pulp and Paper Assoc.  
Don Ivany, Atlantic Salmon Federation  
George Vandusen, Corner Brook Pulp and Paper  
Joanne Smyth, Western Newfoundland Model  
Forest  
Merle Lingard, Abitibi-Price  
Laura Jackson, Protected Areas Association  
Carla Doucet, National Round Table on the  
Environment and the Economy

Barry LeDrew, Department of Education  
Lucy O'Driscoll, Department of Forest  
Resources and Agrifoods  
Gary Schneider, Mcphail Woods Ecological  
Forestry Project  
Fred Smith, Memorial University of Nfld.  
Mike Roy, Centre for Forest and  
Environmental Studies  
Jim Taylor, Newfoundland Forest Service  
Joe Brazil, Wildlife Division  
Raelene Young, Humber Environment Action  
Group  
Rubin Vineberg, Department of Forest  
Resources and Agrifoods

## Special Thanks:

Canon David Pierce, Marilyn Young, Canadian Nature Federation, Markland Cottage Winery,  
Westviking College

# SCHEDULE OF EVENTS AUGUST 18-23

| August                    | 18  | 19  | 20  | 21  | 22   | 23                                 |
|---------------------------|---|---|---|---|--|------------------------------------|
| Time                      | Sunday  | Monday  | Tuesday   | Wednesday   | Thursday   | Friday                             |
| 7.30-8.30                 |   | Breakfast   | Breakfast   | Breakfast   | Breakfast  | Breakfast                          |
| Breaks at 10.30 for snack |   | Project Wild & Focus on Nfld Forest In service (Lucy O'Driscoll Paul Peddle)  | Presentation of "Discovering the Treasures" & Introduction to "A Forest for All" by Claire Dalfen (CPPA)<br><br>ASF Presentation "Fish Friends" (Don Ivany) | FULL DAY FIELD TRIP<br>Travel time departure at 8.00<br><br>(1) Silviculture lands tour.<br>Discussion: "Sustainable use of the Forests" (George Van Dusen) | Model Forest Introduction<br><br>IRM Panel   | Independent Project Presentations  |
|                           |   | PW & FONF   | Time to work on independent project   | CBPP Forest Management area in Logger School Road   | Panel Topic: Challenges & Opportunities in IRM   | Evaluation of Program Future plans |
| 12.30-1.30                |   | Lunch   | Lunch   | Lunch (Boil up in the Woods)  | Lunch  | Lunch                              |
| Breaks at 3.00 for snack  |   | Introduction to Boreal Forest Ecology<br><br>Forest Ecology Guided Walk to Stanleyville                               | Outdoor Education on Ethics & Values<br><br>Field trip to school in Woody Point as part of Schoolyard Naturalization  | (2) Tour of Bottom Brook Arboretum (Mike Roy)   | Role-Playing Simulation Workshop Given by Carla Doucet of the National Round Table             |                                    |
|                           | Registration<br><br>Introduction to Killdevil   | Discussion: "Forest and Wildlife Values"  | Guided Walk to be announced   | Travel back to Killdevil  | Role-Playing Simulation Continued  |                                    |
| 5.30-6.30                 | Supper  | Supper  | Supper  | Snack On Route  | Supper   |                                    |
|                           | Ice-Breaker<br><br>Introduction to Program & Independent Project (Barry Ledrew)<br><br>Opening night Social | School Yard Naturalization Slide Show (Gary Schneider)<br><br>Introduction to Pine Marten Computer Model (Dan Murphy) | Discussion: "Environmental Education"<br><br>Night Sky (Fred Smith)   | Barbecue and Campfire   | Work on independent Projects<br><br>Closing Night Social Musical entertainment "Sods & Rhymes" |                                    |

File Name: First

Environmental Education Institute 1996

You have reached the Homepage of  
Forest, Wildlife and People  
Summer Institute in Environmental  
Education  
held Sunday, August 18 through Friday August 23,  
1996  
at Killdevil Lodge, Gros Morne National Park, Newfoundland, Canada

An Initiative of  
Education Working Group  
Western Newfoundland Model Forest

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Chris Dawe, Conference Coordinator  
Martin Von Mirbach, Sustainable Development Chair

For a bird's eye view of the week-long  
event, click  
here.  
For links to other interesting sites, click  
Participants and Resources.

This page created and maintained by  
Elroy Grandy

(Comments Welcome!!!)

Ms. O'Driscoll's presentation was shared with Paul Peddle of the same Department. Paul informed the group of the Newfoundland Focus on Forest Project. This Program also has a book that includes a large number of activities teachers can use to inform their students of the forest and the living things that make it home. For more information of this Program contact Paul at P. O. Box 8700, St. John's, NF. A1B 4J6 or Telephone (709) 729-3193 Fax: (709) - 729 6629.

To see an example of activities in these Programs, [click here](#).

#### A BOREAL FOREST ECOLOGY

Anne Marceau, Interpreter for Parks Canada, led the group on a hike from a campsite at Lomond to the resettled community of Stanleyville. During the two hour hike, she pointed out and explained reasons for the clear flowing streams, the disappearance of the white pine from the area, and the role played by many of the forest plants. She stressed the importance of the old growth forest and its role in the cycle of the forest biosphere.

#### PINE MARTIN COMPUTER MODEL

Dan Murphy, a high school Science teacher and member of the Education Working Group, presented a teacher guide and Student Activity Booklet related to the status of the Pine (Newfoundland) Marten. It included a computer program that he has revised to display data related to the marten's population and habitat status. The original program was created by Richard Schneider as part of his Doctoral Program and has now been revised for use by high school students. The program allows for the input of data to change relevant variables to predict the population numbers and ranges over short and long periods of time.

#### DISCOVERING TREASURES

Claire Dalfen presented "Discovering Treasures" an activity based program designed for Elementary Students. It includes 91 activity cards designed to promote discussion of the wise use of the forest resources.

There is also a role-playing program designed for high school classes.

can complete such projects at no great costs. Start small, and such beauty spots will grow and over time provide interesting flora and fauna to help beautify school grounds and educate those involved.

Part two of this presentation was on the grounds of Bonne Bay Academy in Woody Point. Here the group was told of the potential of an "ugly" gravel parking lot, and in a back lot that had a stream and much interesting plant life.

You can contact Gary at RR#1 Cardigan, PEI EOA 1G0 or Tel: (902) 583 - 3068 Fax: (902) 566 - 4696.

#### FIELD TRIP TO TABLE MOUNTAINS

On Tuesday Afternoon, the group travelled to the Table Lands in Gros Morne National Park. Dave Morrow, Park Interpreter, demonstrated in much detail, the geological significance of the area.

Very briefly, the area is a example of where the movement of the earth tectonic plates have forced a section of the Earth's mantle above the bedrock where erosion has exposed it for all to see.

He gave much detail related to the vegetation of the area, explaining the rocky top soil and the arctic-type climate as being the reason for the mosses and other sparse vegetation.

#### FIELD TRIP TO BOWATERS LAND MANAGEMENT ZONE

On Wednesday, the group went on a full-day field trip. First stop for the coach was at the forest management area on School Logger Road. George Van Dusen, of Corner Brook Pulp and Paper Land Management, along with a team of his staff took us on a tour of an area that had been clear cut, then thinned to facilitate the growth of the balsam fir. The advantages of the thinning were obvious when compared to a control area that had been left in its natural state. Up to three times the volume wood can be harvested from the commercially thinned lot.

## Abitibi Price

Merle Lingard of Abitibi Price used a slide show to inform the group of efforts by his company to sustain the forest supply for their mills at Grand Falls and Stephenville. He stressed the results of silviculture and his company's efforts to leave the forested areas in a healthy state.

## Humber Environmental Action Group

Raelene Young of the Humber Environment Action Group informed the group that her Association was making efforts to identify and catalogue community values. Those discussed included precious spots, friends, music, family, etc. She showed a video depicting the concepts and items considered of value by communities in the Bay of islands.

## Pine Marten vs Forest Use

Joe Brazil of the Newfoundland Wildlife Division provided data related to the status of the Pine or Newfoundland Marten. He indicated that there are probably less than 300 animals on the Island and that 237 are required to prevent the species from becoming extinct. Threats to survival include disease, predation, snaring and the decreasing amount of mature or over mature forest. It remains to be seen if the martin can compete successfully with hunters and the forest companies. It has been protected since 1934 and is now on the list of endangered species.

## Discussion:

The group discussed all of the above issues at length and many valid and important points were raised. Participants questioned presenters and many views were aired.

## ROLE PLAYING SIMULATION WORKSHOP

### Connections

Carla Doucet, Education Specialist of the National Round Table on the Environment and the Economy presented information related to the makeup and duties of this permanent, independent, advisory body to the Federal Government.

# EVALUATION SUMMARY

1996 Summer Environment Education Institute  
Forests, Wildlife and People  
Gros Morne National Park

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1. For you personally, was the session worthwhile?  
- Very worthwhile - 20
2. Would you recommend the session to colleagues?  
- Definitely - 20
3. How close did the session come to meeting the objectives outlined in the promotional material?  
1 - Poorly      5 - Exceeded  
#4 - 4          #5 - 16
4. How close did the session come to meeting your personal expectations?  
1 - Poorly      5 - Exceeded  
#4 - 2          #5 - 18
5. How would you rate the duration of the session?  
- Just right                      - 16  
- Not long enough               - 2
6. How would you rate the following components of the session?  
Relative score; 100 means it was rated "Excellent" by all participants.  
- Project Wild / Focus on NF Forests Workshop.      93  
- Guided Walk to Stanleyville.                              98  
- Schoolyard Naturalization Program.                      89  
- "A Forest for All" Presentation.                              87  
- Tablelands Guided Walk.                                      90  
- Silviculture Tour.    95  
- Bottom Brook Arboretum Tour.                              73  
- Model Forest Presentation and IRM Tour.                83  
- Role-Playing Workshop.                                      83  
- Facilitated Discussions (Mon/Tues/Wed).                83  
- Independent Projects.                                         83

- Beverage coolers every night
- More computers
- More time to work on Ind projects
- Avoid getting into overload
- Planned fun activities
- Meeting room a bit uncomfortable
- More media coverage
- More focus on curriculum guides
- Cut travel time to no more than 1 1/2 hours
- Extend by a day
- Extra time at meals
- Need to hear a viewpoint on the negative effects of clearcutting
- Modify opening energizers to move from low risk (no touching) to high risk (touching) and stagger them throughout the week, as energy levels require
- Independent projects need more specific direction
- Perhaps small projects instead of one big one
- More discussion on how to apply materials in the classroom

**11. Which of the following influenced you the most in deciding to attend this institute?**

- Self interest - 11
- Promotional material - 6
- Relationship of subject to your work - 5
- Recommendation from a friend - 2
- Recommendation from your employer - 1
- Other (specify) - 1

**12. How has this program compared with others you may have participated in?**

- #1 - Weak      #5 Excellent
- #3 - 1      #4 - 6      #5 - 13

**13. Identify the learning conditions or activities which most helped or hindered your learning experience throughout the sessions.**

**Helped:**

- Practical approach - 5
- Organization - 4
- Resource people - 3
- Natural setting - 3
- Focus On NF Forest & Project Wild - 3
- Variation in presentation - 2
- Participants - 2
- Peer discussion - 2

# 1996 Summer Environmental Education Institute

## Summary of "I learned - I feel - I will do"

Note: These comments made by individual participants have been clustered together into general ideas and feelings. I hope they capture the essence of what people felt.

### **I Learned:**

The interconnectedness of our ecosystem and the importance of this concept in developing ideas and programs for Environmental Education. That it's just not names of things but a concept of functions and forces that play on them. That once we understand how things work and relate to one another we can see the forest as a whole and our place in that whole. That we can make a difference and pass this learning onto others effectively. There were so many great ideas and concepts in such a short time that we hope they will be incorporated into the school curriculum easily. That there are many things individuals can do to promote the environmental agenda. Also, there is so much left to learn and teach about the forest, wildlife and people.

### **I Feel:**

Words like : enriched; energized; befriended; enthusiastic; motivated; inspired; stronger; proud; confident; informed; humbled and honoured filled the page. There was an excitement for the new school season to put the wealth of information to use; to share with other teachers, students and family. A feeling of being closer to the natural environment, especially the forest, was very strong. There was also a feeling that you could make a difference - as one participant put it "one step at a time".

### **I Will Do:**

Lots of things according to the comments, from "whatever it takes", to home composting, to more presentations and activities in the schools, to doing your best to promote an ecosystem approach in your activities. And to promote a love for all natural things and stress the importance of a healthy environment.

SEP 06 1996

8 Rushmore Pl  
St. Johns, N.J.  
Aug 28th, 1996

Dear Martin,

Just a note to again thank-you  
for hosting such a wonderful conference  
and for being such a cordial and  
pleasant moderator.

I think it would be great if  
this summer's group had the  
opportunity to again come together  
for follow-up discussion and  
reflection on how we have used  
what we learned this summer  
in our classrooms and daily  
lives. We could meet in a  
more central location over a  
weekend or have a teleconference.

I'm passing on the good news  
of your conference to all the  
teachers I meet. I'm sure you'll  
have many applicants to choose  
from next year.

Well, thanks again. It was  
a pleasure meeting you and  
best of luck with the next  
conference.

Mary Kelsey

September 14, 1996

Hi Chris + Martin,

I would like to thank you both for a great week at Killdevil Lodge. It was a very positive learning experience that will be shared with students and colleagues. The presentations, lectures and field trips formed a solid foundation in my understanding of industry, education and the environment.

I eagerly anticipate other lectures/workshops so I may further my learning in this area.

I hope you will keep me informed of further opportunities in this field.

Kim Bull

Les Communications Claire Dalfert

August 28, 1996

Martin Von Mirbach  
Sustainable Development Chair  
Centre for Forest and Environmental Studies  
Fisher Building  
P.O. Box 822  
Corner Brook, Newfoundland  
A2H 6H6

Dear Martin:

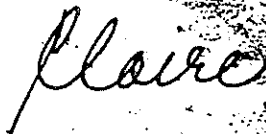
Before September -- and the beginning, if seems, of everything -- I want to tell you how much I enjoyed the Centre's Summer Institute at Killdevil Lodge.

The participants were fun-loving and motivated: an excellent but hardly common combination. They made me feel at home, always, and very much part of the group. That they received my presentation with enthusiasm was an added bonus!

Congratulations for planning and executing a week of valuable learning experiences. Everyone I spoke to, and you can be sure I spoke to everyone (!), commented on the level of the programs and (she said modestly) the program deliverers. All of us enjoyed the activities and the setting, and all of us enjoyed each other.

Perhaps we, and the others, will meet again at Edufor in 1997.

With all good wishes for every success in your important work.



Claire Dalfert  
Consultant, Education Projects, CPPA

Martin Von Mirbach  
Centre for Forest & Environmental Studies  
Fisher Building,  
Corner Brook, NF

October 22, 1996

Martin,

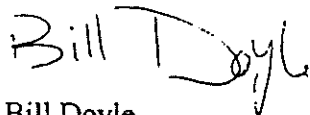
I wish to commend both you and Chris Dawe on coordinating the Environmental Education Institute, "Forest, Wildlife and People", held at Killdevil Lodge, this past August, in Gros Morne National Park. I am grateful to have been part of such a tremendous learning experience.

The planning committee did an outstanding job selecting the presenters and resource people who were part of the institute. The success in helping the participants gain a deeper understanding of a number of environmental issues facing society, both locally and globally, was evident. It was very interactive with ample opportunity for participants, as well as presenters, to share and discuss ideas and experiences. I am sure all of the teachers left the institute feeling more confident and knowledgeable about the environment. Because of this, I feel more capable and eager in assuming my role as an educator in helping others understand, respect and protect the environment.

It is through workshops and institutes such as this that people can develop a true appreciation of the environment and develop a better understanding of exactly how much we depend on nature and exactly how much we need to respect it. Once this is achieved we will be well on our way in protecting the environment for generations to come. If all teachers had such an experience our whole educational system would be greatly enriched.

Once again I would like to express my gratitude to you for providing me with the opportunity to be part of such an experience. I hope to be able to participate in future institutes.

Sincerely Yours,



Bill Doyle  
Brother Brennan Environmental Centre  
Roman Catholic School Board for St. John's

**Financial Report**  
**1996 Summer Environmental Education Institute**  
**" Forest, Wildlife and People"**

**Revenue:**

|                             |              |
|-----------------------------|--------------|
| Newfoundland Forest Service | 4,500.00     |
| Corner Brook pulp and Paper | 500.00       |
| Abitibi-Price               | 500.00       |
| <br>Total                   | <br>5,500.00 |

**Expenses:**

|   |                 |                   |
|---|-----------------|-------------------|
| Project Travel                          |                 | 5,154.18          |
| Killdevil Camp rental                   |                 | 5,354.40          |
| Salary - Chris Dawe                     |                 | 2,708.16          |
| Vehicle Rental - Viking Express         |                 | 650.00            |
| Promotions/Signage - The Shirt Stop     |                 | 564.20            |
| Singsong Inc.                           |                 | 500.00            |
| GST Expense                             |                 | 306.72            |
| Honararium (Gary Schneider)             |                 | 300.00            |
| Advertising - Evening Telegram          |                 | 212.00            |
| Advertising - Western Star              |                 | 165.64            |
| Equipmnt Rental - Modern Bus. Equipment |                 | 141.11            |
| Telephone/fax - (CFES)                  |                 | 137.19            |
| Office Computer expense                 |                 | 119.41            |
| Materials and Supplies                  |                 | 113.74            |
| UIC Expense                             |                 | 108.28            |
| Misc - NF. Emporium                     |                 | 60.00             |
| Telephone/facsimile (WNMF)              |                 | 53.95             |
| CPP Expense                             |                 | 47.56             |
| Payroll taxes deducations               |                 | 26.74             |
| Bank charges                            |                 | 7.50              |
| <br>Total                               | <br>5,500.00    | <br>16,730.78     |
| Approved budget from EWG                | 18,000.00       |                   |
| <br>Grand Total (Revenue & EWG Budget)  | <br>\$23,500.00 | <br>- \$16,730.78 |
| <br>Amount under budget                 | <br>\$6,769.22  |                   |

