# Flow of Learning – Water, Youth and Global Education

Includes:
**Final Research Report**
**Bibliography**

**By Lisa Pirone**

Completed for:

The Kawartha World Issues Centre
Professor Alan O'Connor, Trent University
Trent-Centre for Community-Based Education

Department: Cultural Studies
Course code: CUST 387 – Community-Based Research Project
Term: Fall/Winter 2002-2003
Date of Project Completion: April 2003

Project ID: 444

**ABSTRACT**

The primary purpose of this project was to report in a conference entitled "Flow of Learning – Water, Youth and Global Education", given by The Kawartha World Issues Centre. The secondary purpose was in two parts. One was to survey the group dynamics and decision-making processes during the stages of planning. Second, to devise promotional materials that would attract both media coverage and participants. The research was done by first publicizing the event by creating a target audience and developing appropriate methods. Next was observing the internal dynamics of the group and how decisions were made on the conference preparation.

It was concluded that power structures should be identified and recognized within the group when it is initially formed. The consequence of not doing so is harming the productivity of the group and the individuals. Groups need to be able to enjoy working together, to ensure planning and producing are done efficiently.

KEYWORDS:
The Kawartha World Issues Centre, group dynamics, publicity, decision-making, global education.

Lisa Pirone
CU 387
Alan O'Connor
January 6, 2003

# Midterm Report: TCCBE Credit with KWIC

## *PROJECT UPDATE*

The Kawartha World Issues Centre (KWIC) conference with which I am working has now been called the "Flow of Learning: Water, Youth, and Global Education" conference. Elizabeth May is confirmed as our keynote speaker on the evening of Friday, February 21st, and most workshops for Saturday, February 22nd, at Camp Kawartha have been finalized. Registration for participants has not yet begun, but the promotional materials to do so are underway.

Members of the organizing committee include Adele Finney of the KWIC, Linda Slavin of INSTRUCT, Cathy Dueck of Peterborough Green-Up, and piKe (Cheri Wright), who has been hired as the conference coordinator. Jamaica Self-Help decided early on that this project was not in their scope, particularly when the focus shifted slightly to meet the requirements for the Ontario Council for International Cooperation's (OCIC) funding. Deborah Berrill, Director of the Trent School of Education and Professional Learning (TSEPL), is also technically a part of the committee, but other commitments have kept her away from most of the plenary sessions. In addition, two other TCCBE students have joined the group to observe the planning process of a conference, and a Queen's Final-Year teacher candidate will be working in the KWIC office in February to assist with registrations and organizing the final details for the Saturday workshops.

*PUBLICITY*

Details for the conference were a little late in coming to form; therefore brochures, posters, and any other forms of advertisement could not be published until early December. The first item that was sent out was a flyer that notified educators about the speaker and conference to come in February. I designed this flyer from home (attached) and emailed it to the piKe without any problems. It was faxed from the KWIC office to a series of high schools and community groups throughout the Kawarthas in hopes that some would post it in a visible area for their staff to see. No follow-up calls were made, as this was is a busy time of year for educators, and we will be contact them once again in January with proper registration materials.

The brochure was not as successful. Based on what had been discussed, I sent my draft to the KWIC office. By mid-December I had fallen quite ill and was unable to continue revising it myself. piKe continued where I had left off, but she basically had to start from scratch. New ideas came into play, and since only she and Adele were available to editorialize, they had to make the almost-final decisions regarding its design and content. Based on the differences between their final draft and my own original, it would have been very difficult to make the revisions and communicate between Toronto and Peterborough. The time constraints of everyone leaving for the holidays plus my own illness made it a very tense time for promotion, but it all got done in the end.

Still on tap are the posters for Elizabeth May's keynote address, press releases to local media, and in-class presentations within the university.

*GROUP DYNAMICS*

As mentioned in my Project Update, the members of the organizing committee have shifted a bit since the original planning stages. There are now essentially five key players – Adele, piKe, Cathy, Linda, and myself – who are juggling everything from facilitation, to budgeting, to publicity. Considering each of us has other full-time commitments, time is the biggest issue. With the early planning stages, progress was optimistic and theoretical, as very little could be confirmed until we knew about the OCIC funding and the presenters that were available. This also meant that the first four months moved at a relatively comfortable pace. Everyone was happy to attend fortnightly meetings, and we were usually able to handle the few tasks we had in that time. The format of our meetings was familiar, with nothing like the formality of Robert's Rules or even the designated roles of consensus decision-making. It was a friendly, casual atmosphere.

Once the essential details were confirmed, however, the tasks began to pour in. By late November we were trying to solidify the brochure content and design, the workshop presenters and facilitators, and the logistics of the day at Camp Kawartha. The timing was less than ideal, as most of us were planning to be taking winter holidays as of mid-December. My state of health at this point did not make matters any easier. I cannot speak for everyone, but I certainly felt the floodgate had flown open and I was treading water to stay afloat. (Maybe that's a bit dramatic, but it creates the right idea.) With Adele and piKe as the 'hub' of communication, they naturally became the leaders of the group and were the ones to delegate or to whom we reported.

At this point all of my communication was with this 'hub' of operations. We corresponded by email, which made matters worse. Email has become a quick and informal means of communication for groups such as our own, which can be both a blessing and a curse. It is a convenient way for us all to stay in touch wherever we may be; however, it also loses the personal tone and can lead to misinterpretations, especially in its casual style. Despite my lack of time and energy, I continued to try and compose the flyer and brochure from Toronto, and I soon began to receive emails from piKe; "it would be great to have that poster[1] today so that I can send it out as soon as possible to them. I would also really like to have the brochure reviewed and ready for printing by the end of this week." (December 11, 2002) And when it became evident that I was not going to be able to complete the brochure before the holidays, she wrote, "it is absolutely crucial that we finish up with the brochure next week. So send me whatever you have by Tuesday night of next week (Dec 17) and then I will finish it. I really need to get this done before the holidays." (December 13, 2002) I had a responsibility to the group, however, and I was determined to submit something decent for the brochure. In hindsight, it would have been more beneficial to the group had I delegated the job to someone else as soon as I fell ill, but I am sure persistent/stubborn people like myself are a part of every committee.

The first downturn in our interactions came in an email from Adele. For financial reasons I had no choice but to continue working part-time before the holidays, despite being sick. At the end of my last day, I received a lengthy and formal message:

---

[1] This actually refers to the *flyer* that was to be faxed to educators before the holidays, as opposed to the *poster* promoting Elizabeth May that is to be printed later this month.

> We're in a bind here with the brochure. With holiday closure of the KWIC office (Dec 21-Jan 5) coming on Friday, your and our other work commitments, and the necessity of getting the brochure to the printer, we don't have much maneuverability time for collaborative work with you on changes... We all need to clarify our tasks and responsibilities for coordination... With the early January deadline for promotional mail-out of the brochure, I am asking Cheri to assume responsibility for its final form and arrangements with the printer. Any work you can do over the next couple days for laying out the kind of contacts and advertising campaign strategy we need at the beginning of January will be helpful.

As I have stated, email is a very informal means of communication, and to receive a message written as formally as this speaks louder than its content. I promptly handed over everything I had done thus far on the brochure, which included printing information, all graphics and fonts, and a completed layout. This was a poor way to end the term with the conference, and I wish circumstances could have been otherwise. Such as they were, I experienced my first 'conflict' with the group and will have to wait and see how it pans out in the new term.

Lisa Pirone
April 21, 2003
Alan O'Connor
CU 387

# TCCBE Final Report on the "Flow of Learning – Water, Youth, and Global Education" Conference

My role in this conference was twofold – to survey the group dynamics and decision-making process during the planning months, and to devise promotional materials that would attract participants and media coverage. This was not an easy task, as it required direct, personal involvement and objective observation at the same time. I will divide this report into two parts in an attempt to keep the research areas separated as neatly as possible. I will deal first with the technicalities of publicizing an event – who we were targeting, how we advertised to them, and why methods did or did not work. Secondly, I will look at the internal dynamics of the group and how the members interacted and made decisions throughout the preparatory period. The two areas are inherently linked in some manners, but one does not necessarily determine the outcome of the other.

## Publicity

The first step in the marketing plan was to determine our target market. This was relatively easy, as a similar conference had been planned the previous year, though it never came to form. Samples of their promotional materials were available to guide me in format and content (see appendix 1), as well as members of the original planning committee who were also part of the present

group. It was clear that our main audience would be composed of secondary school teachers, but we did not want to exclude those who did not teach in the formal classroom setting. Educators from non-government organizations (NGO) and community groups would also therefore be included among our list of participants. Furthermore, the involvement of teacher candidates from the Queen's-Trent Concurrent Teacher Education Program (QTCTEP) and, in future, the Trent School of Education and Professional Learning (TSEPL) was crucial in both the planning and participation of the conference.[1] The funding granted by the Ontario Council for International Cooperation (OCIC) also preferred the inclusion of secondary school students as participants in the conference; we felt that this would widen the scope of content and marketing beyond our ability, however, and decided to not to target the students but to welcome them if they inquire or are invited by their teachers. With these groups of individuals in mind, we were able to discern what we felt would be the best methods to contact them and advertise both the keynote speaker and the day of workshops at Camp Kawartha.

It was already November by the time enough details were confirmed to create promotional materials, and the conference was to be held in late-February. This did not pose a problem for most of our market, but the secondary teachers work on a very structured schedule, and advertising to them at the

---

[1] As indicated in the original project between the Kawartha World Issues Centre (KWIC) and the Trent Centre for Community Based Education (TCCBE), the creation of this placement was to be the beginning of a link between KWIC and the education programs at Trent.

right time was absolutely crucial. With the brochure not being ready by early December, we decided that it would be too late to send anything of value before the new year considering the hectic lives in schools prior to their winter breaks. With that in mind, however, it was the time of year for notices to be posted, so we decided to send flyers to schools throughout the Kawarthas advertising the upcoming conference and the details to follow in January. We faxed this flyer to all the schools, NGOs and community groups on the mail-merge at KWIC. This choice was highly cost efficient, and it was effective in spreading the word about the conference so that it was not a foreign idea when the brochures arrived. (See appendix 2)

We ran into some difficulties with designing the brochure in December due to holiday schedules. As a student, my commitments in Peterborough were complete as of the fourth, and I had to return to Toronto to work, which made revisions of the brochure slow and laborious. As a result, the coordinator of the conference had to pick-up the task after my initial draft in order to have a prototype ready for the first meeting of the new year. While the essential details remained the same, it became evident that creative differences and methodologies in layout and design can vary greatly, and it is difficult for people to collaborate on such a project. The final brochure turned out quite nicely, regardless, and all committee members accepted its design.

We spent more on the printing of the brochures than originally anticipated, but with good reason. Collaborating our experience with previous

promotions and looking at a selection of brochures at the KWIC office, we quickly decided that printing quality was influential on the attendance success of an event. We chose to use a heavier stock paper with a natural, recycled look, as well as blue accents throughout the layout instead of a simple black & white design. This gave the brochure a more professional, credible, organized look. It was not much more difficult to compile, and the final product was certainly worth the extra money. The comments and reactions to the brochure that I heard were all very positive, and the best proof is the fifty participants who appreciated it enough to enroll.

We also decided to include a small insert with the brochures that would outline the workshops in greater detail. These workshops formed the majority of our Saturday activities at Camp Kawartha, and participants were required to select one of the three or four options that were offered concurrently in each of the three time slots. This insert gave them a better idea of who was presenting, what sort of content would be included, and how appropriate it would be to their own issues and interests (see appendix 15). We printed it as a very simple, informative pamphlet on blue paper (to match the brochure!), and it was very functional in answering many of the questions that would have flooded the KWIC office.

Following the brochure mail-outs, our focus turned to the posters announcing Elizabeth May's talk on the Friday evening of the conference. I was more involved in this process, though once again it had to be completed by

piKe. This poster was to be printed at a normal copy shop in full colour, and we were trying to take advantage of the colour in the design. We had to remain consistent with the fonts and images used on the brochure, and a basic knowledge of Adobe Photoshop came in very handy in manipulating these devices. I selected a colour scheme and layout that I felt was easy to read and attractive to passers-by, as this was to be posted throughout the Trent campus, downtown Peterborough, and in other schools and community locations where we had immediate connections.[2] Creative differences came into play once again, and eventually I had to hand the project over to piKe to make the final changes. What resulted was a much simpler, plainer poster that, in my opinion, did not make effective use of the colour printing. It was printed and posted in enough quantity, however, that its repetition made it more noticeable.

In addition to formal, printed material, promotion within the Trent community also took the form of in-class announcements. This was conducted by a volunteer from the INSTRUCT program and myself. We attended classes to which the conference topics pertained, and used an overhead to highlight the details of registrations and facilitation (see appendix 5). The Concurrent Education classes, to whom I presented, received the information quite well, appreciating the attention to student needs (such as carpooling) and budgets. Their questions were specific and individual, showing me that the general, imperative details had all been covered in the overhead.

---

[2] Due to the size of the file and final printout, I was not able to print a copy of my original design.

Dealing with the media was a short task. We sought coverage more for promotion that for the event itself, partially because that was all that seemed to draw attention. I sent press releases to several newspapers (see appendix 9), radio stations, and television stations, but none followed up independently. I made phone calls a few days following the fax, and the response and recognition of the story was mixed. Though I had anticipated the local media to be relatively easily convinced to cover such a large and global event, their staffing shortages and time restraints did not permit them to attend the keynote address or the workshops at Camp Kawartha. (The Saturday was also a day of snow and ice, which may have stopped reporters who were planning to attend from coming.) Most of the coverage, therefore, came from within the Trent community, namely my article in Arthur (see appendix 13), the story on the Trent website 'Daily News' section (see appendix 11), and the messages sent out through the college list-servers (see appendix 10). Again, this publicity was all prior to the actual event, and little follow up was made externally or internally.

Overall, I felt the publicity was successful for the amount of time and effort I was able to put into it. There was essentially only three months to do everything from print material to encouraging media coverage, and although that sounds like a lot of time, it is considerably less when holidays, illness, and delayed communication are taken into account. I appreciate that a better job could have been done had time permitted, especially concerning the follow-up

exposure. There are multiple reasons why this particular area was lacking, but more on that with regards to the group dynamics.

**Group Dynamics[3]**

The group involved in planning this conference was a combination of individuals representing different committees and organizations. Initially looking to be a group of nearly ten, it came down to five key individuals responsible for the planning, organization, and execution of the two-day conference. Considering this was the first event of this style, most of the planning was built from scratch, with knowledge from previous, similar experiences with our respective committees. This meant that the first three months of meetings were spent on foundational organization, brainstorming, and making ideas come to form. December through February were spent more independently, with individuals responsible for assigned tasks and coming together to share progress updates and confer for decision-making.

There was no formal style or structure set for group meetings. We neither followed the strict order of Robert's Rules nor the egalitarian consensus style. Everyone worked together, sharing tasks and ideas, pooling resources and experience for the benefit of the committee overall. Some were quieter than others, and some were natural leaders and took on roles as minute-takers or

[3] My response in this section is a highly subjective one; while I try to remain as open-minded as possible, there are situations and events described that will clearly not pertain to all groups dynamics and interactions.

meeting chairs. This worked quite well while all members were present and ideas were flowing freely and flexibly.

As times came to be more independent, however, the 'hub' of the KWIC office came to play more of a leadership role. Hiring a coordinator also set a title aside from the rest of the members, creating a more obvious power structure. This is not to say that power was balanced previous to that; despite an equal appearance, natural roles and qualities tend to swing the balance of power in such group situations. All committee members were female, therefore a question of sex and gender does not come into play. Age, on the other hand, was varied, with most other participants being of the generation previous to my own. (Interestingly enough, the only exception to this was the one person with a title, the conference coordinator.) Their experience clearly outweighed my own, which naturally places more value in their opinions and contributions. My own ideas were appreciated as a new perspective, however they carried more weight when I had the word of others as support, rather than standing alone. While I did not feel this imbalance of power in the initial stages of the planning, it became evident as more independent work came together. As is outlined with my promotional materials, very little of my own work remained in the final products; while I do not take this personally, I believe it has to do somewhat with the imbalance.

This is a highly subjective area, and the dynamics of this particular committee are very specific to the individuals, timing, situations, and other

factors of our six months together. My involvement with the committee came to an abrupt end, however, when I was not informed of the follow-up meeting. As a group that had worked so closely together for quite some time, I wrote to the KWIC office to suggest a wrap-up session that would perhaps include a social outings to celebrate the success of our efforts. The reply to this inquiry informed me that they had forgotten to tell me that they had already scheduled such a meeting, and that it was held that morning. This left a very bitter feeling following the long work process, and communication has been non-existent since. I would not recommend this finale to any committee, as it is both awkward and disappointing... at least from my perspective.

This being said, I believe that the inherent power structures must be identified and recognized within a group upon its conception. Trying to pretend that everyone is on equal playing-ground is only harmful to the productivity of the group and the individuals who find themselves at a lesser advantage. What the group chooses to do with these recognitions will determine how well the group works together – both in planning and in producing – and ideally, it will make for a greater, more enjoyable experience for all involved.

## Index of Appendices

2

A Flow of Learning...

# Water, Youth, and Global Education

A Conference for Global and Local Educators including workshops on:

- Water, Wetlands, and Habitat
- Native Perspectives on Water
- Politics of Water Privatization
- Global Community Action
- Introduction to Water Quality
- Linking Water Issues into the New Ontario Secondary Curriculum
- ...And More!

**Keynote Speaker Elizabeth May!**
Executive Director of the Sierra Club

## Friday, February 21st & Saturday, February 22nd, 2003

## Details & Registration to follow in January
## Call the Kawartha World Issues Centre for more information
## 705-748-1680

Organized by the Kawartha World Issues Centre, Peterborough Green-Up, INSTRUCT, Trent University's School of Education & Professional Learning, and the Queen's-Trent Concurrent Education Program

A Flow of Learning...

# Water, Youth, and Global Education

A Conference for Global and Local Educators including workshops on:

- Water, Wetlands, and Habitat
- Native Perspectives on Water
- Politics of Water Privatization
- Global Community Action
- Introduction to Water Quality
- Linking Water Issues into the New Ontario Secondary Curriculum
- ...And More!

**Keynote Speaker Elizabeth May!**

Executive Director of the Sierra Club

## Friday, February 21st & Saturday, February 22nd, 2003

## Students – only $15 ($20 to stay overnight)

## Register online at www.trentu.ca/org/kwic

**Facilitator Training:**

- Monday, January 20th from 4-6pm
- Wednesday, January 29th from 4-6pm
- Thursday, February 13th, from 4-5pm
- Certificate of Training Completion

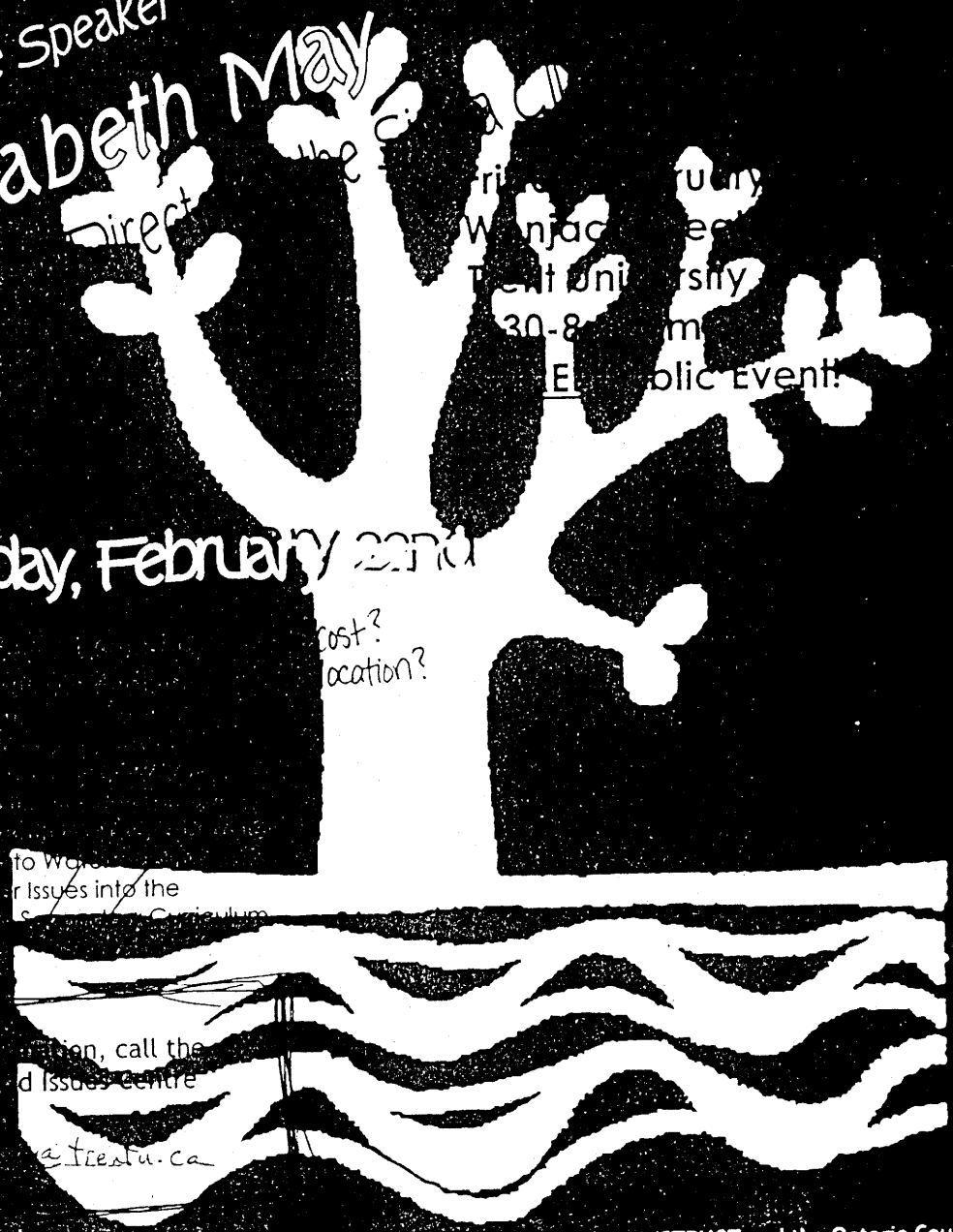
Organized by the Kawartha World Issues Centre, Peterborough Green-Up, INSTRUCT, Trent University's School of Education & Professional Learning, and the Queen's-Trent Concurrent Education Program

# A Flow of Learning...

## Water, Youth, and Global Education

Keynote Speaker

**Elizabeth May**



**Saturday, February 22nd**

cost?
ocation?

r issues into the

ion, call the
d Issues Centre

a trentu.ca

Sponsored by the Kawartha World Issues Centre, Peterborough Green-Up, INSTRUCT and the Ontario Council for International Cooperation, with organizing help from the Trent University School of Education & Professional Learning, and the Queen's-Trent Concurrent Education Program

orange
yellow
green
blue

Sep
for
Co-
Sponsors

## Press Release Tracking Sheet

| Company | Contact | Result |
|---|---|---|
| Arthur | Dave | o Inc. in listings/events<br>o 500 word article re: conference<br>o Will see if editor is interested in EM interview |
| Peterborough This Week | Lance Anderson | o Will follow-up on PR and call back if interested (aka – nothing) |
| Peterborough Examiner | Reg Watson (City Desk) | o Inc. in listings/events<br>o Short article by Mirium Stuckey on EM & conf. |
| Lakefield Herald | Neil (News Editor) | o Inc. in listings/events<br>o Sounded interested in coverage for upcoming issue... but nothing |
| WOLF/KRUZ | Paul Lang | o Inc. in community listings<br>o Interview with EM to air week before conference |
| CKPT | George Gall | o Needed PR to be resent<br>o Inc. in community listings/events |
| CHEX TV | June (Community Watch) | o Inc. in community events<br>o Was hoping for coverage the day of, but bad weather meant no one came out |
| Cogeco | --- | o Tough to get through to a live person<br>o PR was in accordance with what they ask need for a PSA, but nothing aired |
| Trent U | College Offices | o Sent out via college listserves, inc. OC & CC who don't usually do that! |
| Trent U | Marlene White (Communications) | o Article on EM inc. on TrentU.ca as a 'Daily News' piece |

A Flow of Learning...Water, Youth and Global Education
c/o Kawartha World Issues Centre
P.O Box 895, Peterborough, Ontario K9J 7A2
Phone: (705) 748-1680
Fax: (705) 748-1681
Website: www.trentu.ca/kwic
Email: kwic@trentu.ca

FAXED

| | | | |
|---|---|---|---|
| **To:** | Arthur | **From:** | KWIC |
| **Phone:** | 705-748-1725 | **Phone:** | 705-748-1680 |
| **Fax:** | 705-748-1786 | **Fax:** | 705-748-1681 |

*Please add the following announcements to your Community Calendar section:*

**REGISTRATION EXTENDED!** 'A Flow of Learning; Water, Youth & Global Education' deadline extended to February 14. Fantastic workshops on $H_2O$ concerns, activism, and educational links. Register online at www.trentu.ca/kwic or call KWIC at 748-1680.

**"Global Water, Local Citizenship" - Elizabeth May**, grassroots environmentalist, writer & lawyer, will be speaking at Trent's Wenjack Theatre on Friday, February 21st, at 7:30pm. A FREE public event! Visit www.trentu.ca/kwic or call 748-1680 for more details.

**Attached:** Press Release for Speaker & Conference Coverage

A Flow of Learning...Water, Youth and Global Education
c/o Kawartha World Issues Centre
P.O Box 895, Peterborough, Ontario K9J 7A2
Phone: (705) 748-1680
Fax: (705) 748-1681
Website: www.trentu.ca/kwic
Email: kwic@trentu.ca

News Release
For Immediate Release

January 31, 2003

**Internationally Acclaimed Environmentalist Elizabeth May To Speak at Local Water Conference**

Peterborough, ON – On Friday, February 21, 2003, internationally acclaimed environmentalist Elizabeth May will be speaking about "Global Water, Local Citizenship" at the Wenjack Theatre at Trent University at 7:30pm.

Elizabeth May is the Executive Director of the Sierra Club of Canada, as well as a lawyer, educator, writer and mother. Her most recent book, coauthored with fellow Canadian activist Maude Barlow, is *Frederick Street: Life and Death on Canada's Love Canal.*

May's Friday keynote address marks the beginning of **A Flow of Learning: Water, Youth and Global Education**, a local conference about water issues for teachers, community members and interested youth in the Kawartha region.

On Saturday, February 22, the conference continues at the Kawartha Centre with a day full of interactive workshops on water issues. Workshop presenters include local artists, environmentalists, filmmakers, as well as international speakers from Mexico and Ecuador. The workshops are designed to share techniques for effective global environmental education with classroom and community educators. Topics include "Introduction to Water Quality Issues," "Exploring Water through Film," "Native Perspectives on Water," and many more.

Full conference details are available online at www.trentu.ca/kwic and by phone at 705-748-1680.

The conference is organized by Kawartha World Issues Centre, Peterborough Green-Up, INSTRUCT (CIDA), Ontario Council for International Cooperation, Trent School of Education and Professional Learning (SEPL), and Queen's-Trent Concurrent Teacher Education Program.

-30-

Elizabeth May is available for phone interviews prior to her presentation at Trent. Contact the KWIC office for details, promotional materials, and to schedule an appointment.

**Contact:**
Cheri Wright, Conference Coordinator, Kawartha World Issues Centre
705-748-1680 or kwic@trentu.ca

Please forward this posting to your respective mailing lists; this is a fantastic Trent event open to all students, and you can call KWIC at 748-1680 for more information.

**********

"A FLOW OF LEARNING:
Water, Youth & Global Education"

Friday, February 21st -
Elizabeth May, Executive Director of the Sierra Club, will be speaking about "Water in the Global Classroom".

WHERE? Wenjack Theatre

WHEN? 7:30pm

COST? A FREE public event!

Saturday, February 22nd -
Several community and Trent organizations are hosting a series of workshops on teaching water issues for secondary school teachers, community educators, and interested youth. See www.trentu.ca/org/kwic for details.

WHERE? Kawartha Centre, just north of Lakefield. (Carpooling available.)

WHEN? 8:30 - 4:30pm

COST? Students are only $15, lunch included!

****REGISTRATION DEADLINE IS FEBRUARY 7th****
Register online at www.trentu.ca/org/kwic OR CALL 748-1680

February 28, 2003

## Sierra Club Executive Director To Speak at Trent

Elizabeth May, executive director of the Sierra Club of Canada, will be speaking about water issues at Trent University on Friday, February 21.

Ms. May has worked in her current position at the Sierra Club since 1989 and is passionate about environmental concerns. She is looking forward to speaking in Peterborough, and was last on the Trent campus to deliver a lecture during the 2001/02 academic year.

"Understanding the nature of global hydrology is important," says Ms. May. "We need to think differently about the value of water."

Ms. May cites basic measures such as hand pumps and wells as solutions for developing countries that do not have proper access to clean water. For the developed world, she recommends a new respect for watersheds.

The Sierra Club's mission is to empower grassroots networks of citizens. As a group, the club addresses a variety of environmental concerns such as biodiversity, toxic chemicals, air quality and the transition to a sustainable economy. Chapters exist in all parts of Canada, and young Canadians can become involved through the Sierra Club's youth coalition movement. For more information check out www.sierraclub.ca.

Ms. May's talk on Friday evening will be held at 7:30 p.m. in the Wenjack Theatre. It is part of a conference for local educators being held this weekend. Called "*A Flow of Learning: Water, Youth & Global Education*," the conference has been organized by the Kawartha World Issues Centre.

This event is free and open to the public.

Posted February 19, 2003

---

## Conference Joins International Fight for Water Protection

The average Canadian can wash the dishes, run a bath, or boil some pasta without thinking twice about the water they are consuming. We take for granted our privileged position with this 'hot commodity', this 'blue currency' of the 21st century.

The reality from the international perspective, however, is a little different. Demand is reaching far beyond what the supply can maintain, and the battle over who gets the biggest piece of the pie has already begun. 97.5% of the earth's water is salt water, and three quarters of what is left is frozen in ice caps. What remains is a minute amount of usable water relative to the increasing number of individuals who require it.

It is for this reason that the United Nations General Assembly has announced this year as the International Year of Freshwater (2003). "Lack of access to water – for drinking, hygiene, and food security – inflicts enormous hardship on more than a billion members of the human family," said United Nations Secretary-General Kofi Annan. With disease, drought, and famine on rise due to the lack of potable water, increased awareness is essential.

Some shocking statistics about our world's water:

- Canada posses the third most freshwater in the world (behind Brazil and Russia)
- More than 2.2 million people, mostly in developing countries, die each year from diseases associated with poor water and sanitary conditions
- Approximately 90% of sewage and 70% of industrial waste in developing countries are discharged without treatment, often into freshwater sources
- Groundwater in China, India, and the US is being consumed faster than it can be replenished, and some major rivers are running dry before they reach the sea
- The cost of upgrading water supply and sanitation to meet basic human needs in developing countries is an estimated $20 billion per year

The Council of Canadians is actively defending the right to freshwater through their Blue Planet Project. Maude Barlow, author of "Blue Gold" and figurehead of

the council's campaign, has lobbied against water privatization and the imbalanced distribution of freshwater for some time now. Says campaigner Jamie Dunn, "We are here to bring the International Joint Commission up to date on the advancing trade agenda and enlist their voice in stopping the free trade juggernaut from destroying the world's water resources."

Awareness is the key to protecting the freshwater to which we are currently privilege. Many local and national groups run water conservation and protection campaigns. An upcoming conference entitled "A Flow of Learning; Water, Youth & Global Education" will host keynote speaker Elizabeth May, author, lawyer, and grassroots environmentalist, on February 21st, and a series of workshops at Camp Kawartha on February 22nd. Workshop presenters will include water activists such as Ducks Unlimited, the Council of Canadians, the Otonabee Conservation Authority, and professors from various Trent University departments. Those interested in more details and to register for the workshops, please visit www.trentu.ca/kwic.

*Most facts and data referenced herein can be found on the United Nations website*

# Conference joins international fight for water protection

by Lisa Pirone

The average Canadian can wash the dishes, run a bath, or boil some pasta without thinking twice about the water they are consuming. We take for granted our privileged position with this 'hot commodity', this 'blue currency' of the 21st century.

The reality from the international perspective, however, is a little different. Demand is reaching far beyond what the supply can maintain, and the battle over who gets the biggest piece of the pie has already begun. 97.5 percent of the earth's water is salt water, and three quarters of what is left is frozen in the ice caps. What remains is a minute amount of usable water relative to the increasing number of individuals who require it.

It is for this reason that the United Nations General Assembly has announced this year as the International Year of Freshwater (2003). "Lack of access to water – for dinking, hygiene, and food security – inflicts enormous hardship on more than a billion members of the human family," said United Nations Secretary-General Kofi Annan. With disease, drought, and famine on the rise due to the lack of potable water, increased awareness is essential.

Some shocking statistics about our world's water:

Canada is third in the world for possession of freshwater (behind Brazil and Russia).

More than 2.2 million people, mostly in developing countries, die each year from diseases associated with poor water and sanitary conditions.

Approximately 90 percent of sewage and 70 percent of industrial waste in developing countries are discharged without treatment, often into freshwater sources.

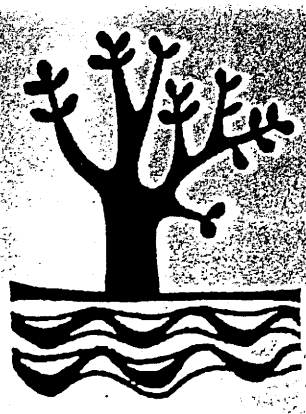
Groundwater in China, India, and the U.S. is being consumed faster than it can be replenished, and some major rivers are running dry before they reach the ocean.

The cost of upgrading water supply and sanitation to meet basic human needs in developing countries is an estimated $20 billion per year.

The Council of Canadians is actively defending the right to freshwater through their Blue Planet Project. Maude Barlow, author of "Blue Gold" and figurehead of the council's campaign, has lobbied against water privatization and the imbalanced distribution of freshwater for some time now. Campaigner Jamie Dunn says, "We are here to bring the International Joint Commission up to date on the advancing trade agenda and enlist their voice in stopping the free trade juggernaut from destroying the world's water resources."

Awareness is the key to protecting the freshwater to which we are currently privileged. Many local and national groups run water conservation and protection campaigns. An upcoming conference entitled "A Flow of Learning; Water, Youth, & Global Education" will host keynote speaker Elizabeth May, author, lawyer, and grassroots environmentalist, on February 21, and a series of workshops at Camp Kawartha on February 22. Workshop presenters will include water activists such as Ducks Unlimited, the Council of Canadians, the Otonobee Conservation Authority, and professors from various Trent University departments. Those interested in more details and to register for the workshops can visit www.trentu.ca/kwic.

# A Flow of Learning
# Conference Schedule



Welcome to Kawartha Centre! We hope you will find our surroundings ideal for learning and teaching environmental and global education. You are also welcome to take a break from sessions and partake of some outdoor activities – just ask us. Please ask any conference organizers (with blue name tags) for any help you may need.

As you look over this schedule, may I draw your attention to the question we pose for our final plenary session from 3:30-4:15pm:

**How can classroom and community educators work best together?**

We are asking each workshop group to consider this question at the end of the workshop, by identifying both opportunities and obstacles to collaboration between non-formal community educators and formal classroom educators.

We hope this plenary session will foster discussion on how to make global and environmental concerns central in education after this exciting day. Please come to the final plenary session with your ideas for making these future steps. The session will be led by Adele Finney, of Kawartha World Issues Centre, and Deborah Berrill, the Director of the Trent School of Education and Professional Learning.

Above all, have fun learning!!!

piKe

piKe (Cheri Wright), Conference Coordinator

# Friday, February 21st
# Wenjack Theatre, Trent University

**7:30pm – 9:30pm**
Keynote Speaker: Elizabeth May "Global Water, Local Citizenship"

**9:30pm** Overnight guests travel to Kawartha Centre

# Saturday, February 22nd
# Kawartha Centre

**8:00am** Breakfast for overnight guests

**8:30** Registration and breakfast for arriving participants

**9:00** Welcome (piKe (Cheri Wright), Conference Coordinator)
Introductions (Linda Slavin, INSTRUCT)

**9:30-11:30** **Concurrent A Workshops:**

1. Exploring Water Issues through Film
   Presenters: Michelle Cader, Mark Haslam
   Location: Dining Hall

2. Global Community Action on Water
   Presenters: Augustin Rueda, Mauricio Davila Salazar, Doctora Emma Marguerita Aguilar Garcia, Biologica Jose Luis Campos Diaz
   Location: Classroom A

3. Introduction to Water Quality in the Trent Watershed
   Presenters: Meredith Carter, D. Dwars, Kathy Reid
   Location: Log Cabin

4. Hands-On Renewable Energy as a Solution to Climate Change
   Presenter: Keith Stewart
   Location: Classroom B

**11:30-12:00** Networking/Outdoor Activities

**12:00-12:45** Lunch in the Dining Hall

**See over...**

**12:45-2:00 Concurrent B Workshops:**

1. Native Perspectives on Water
   Presenter: Shirley Williams
   Location: Log Cabin

2. Politics of Water Privatization
   Presenter: Eduard Sousa
   Location: Classroom A

3. An Integrated Approach to Environmental Education: Theory and Practice
   Presenters: Peter Mullins, Hugh Dobson
   Location: Dining Hall

4. Water, Wetlands, and Habitat
   Presenter: Alex Waters
   Location: Classroom B

**2:15-3:30 Concurrent C Workshops:**

1. Watercolours as a Medium for Expression and Connection
   Presenter: Ann Hobday
   Location: Dining Hall

2. Environmental Racism at the Tay River: Algonquin Community Perspectives and Responsibilities
   Presenters: Paula Sherman, Robert Lovelace
   Location: Classroom A

3. Youth and the Canoe
   Presenter: Bryan Poirier
   Location: Classroom B

3:30-4:15 Plenary Discussion – led by Adele Finney and Deborah Berrill
***How can classroom and community educators work best together?***

4:15-4:30 Closing (Cathy Dueck, Peterborough Green-Up)
Networking
Resource Sharing

# Workshop Details for Teachers



**Workshops will provide plenty of practical ideas and resources to use in the classroom, and lots of opportunity for discussion. This is a summary of workshop content and some of the curriculum links.**

## CONCURRENT A WORKSHOPS (Saturday 9:30am to 11:30am)

### Exploring Water Issues Through Film

Screen some of the most current short films on water with members of the selection committee for Planet in Focus, the Toronto International Environmental Film and Video Festival. This is a unique opportunity to preview the selections for the World Water Council's 2nd World Water Summit in Kyoto, Japan in March 2003.
Curriculum links: Media Arts; Gr 11 Physical Geography; Gr 11 Science; Gr 11 English - Media Studies; Gr 12 Earth & Space Science, Gr 12 World Geography, Gr 12 Env. & Resource Man.

### Global Community Action on Water: Successes and Obstacles

Hear about citizen movements in Mexico and Ecuador that deal with water contamination and rehabilitation issues. Speakers include INSTRUCT project participants from Mexico and Ecuador.
Curriculum links: Gr 9 Geography; Gr. 11 Science; Gr 11 Geog. of the Americas; Gr 12 Canadian and World Issues; Gr 12 Env. and Resource Management

### Introduction to Water Quality in the Trent Watershed

Water quality is an important health issue for all of us. Meredith Carter of Otonabee Conservation will engage the group in an exploration of the state of the Trent River Watershed. What are issues of concern in our region, and what is being done to address them? This workshop will highlight the many local opportunities for secondary classes to participate in curriculum-based community action in water-related projects.
Curriculum links: Gr 9 Geography; Gr 10 Science; Gr 11 Science; Gr 11 Physical Geography; Gr 12 Earth and Space Science; Gr 12 Env. and Resource Management

### Renewable Energy as a Solution to Climate Change

Climate change will dramatically influence water availability worldwide. In Ontario, droughts and floods will become the norm, with far-reaching impacts on people and wildlife. Dr. Keith Stewart, a climate change expert with the Toronto Environmental Alliance will lead this engaging and interactive workshop. Join him to demystify the concepts and explore hands-on options for secondary classes in building solutions, both in the classroom and in the community.
Curriculum links: Gr 9 Geography; Gr 10 Science; Gr 11 Physics; Gr 11 Science; Gr 11 Physical Geography; Gr 12 Science; Gr 12 Earth and Space Science; Gr 12 Env. and Resource Management

## CONCURRENT "B" WORKSHOPS (Saturday 12:45pm-2:00pm)

### Native Perspectives on Water

Shirley Williams, Elder and Native Studies professor at Trent University will explore the importance of water in native culture, and its implications for the future.
Curriculum links: Gr 9 Geography; Gr. 9 Native Studies; Gr 11 Native Studies; Gr 12 Canadian and World Issues; Gr 12 Env. and Resource Management; Gr 12 Canada: History, Identity and Culture

**The Politics of Water Export**
Learn about the international struggle to regulate protection and ownership of our water resources. The Council of Canadians have launched the "Blue Planet Project" to work with the growing international network of groups fighting the expanding water export industry.
Curriculum links: Gr 9 Geography; Gr 11 Science; Gr 12 Env. and Resource Management; Gr 12 Economics; Gr 12 Canadian and World Issues; Gr 12 Canadian and International Law

**An Integrated Approach to Environmental Education: Theory and Practice**
Staff and students from Thomas A. Stewart Secondary School in Peterborough will showcase a unique, multi-disciplinary Environmental Leadership program which has been effective and successful for many years, and continues to be offered after the implementation of the new Ontario curriculum.
Curriculum links: Physical Education; Gr 11 Science; Gr 11 Geography; Gr 12 Env. and Resource Management; Gr 12 Science; Gr 12 Canadian and World Issues

**Water, Wetlands and Habitat**
The key to protecting wildlife is protecting habitat; the key to protecting clean water is protecting the water source. Wetlands are critical to both these issues. Alex Waters of Ducks Unlimited will use examples of wetland projects in the Peterborough area, demonstrations and games to assist teachers in developing wetland studies, and provide curriculum-based learning materials for secondary programs.
Curriculum links: Gr 9 Geography; Gr 10 Science; Gr 11 Biology; Gr 11 Science; Gr 12 Env. and Resource Management; Gr 12 Earth and Space Science

**CONCURRENT "C" WORKSHOPS (Saturday 2:15pm-3:30pm)**
**Watercolours as a Medium for Expression and Connection**
Water's many unique qualities make it a useful medium for creative expression. Ann Hobday, art teacher at Holy Cross Secondary School, will provide an introduction to water-colours - exploring this medium as a teaching tool for secondary youth in a variety of subject areas.
Curriculum links: Visual Arts; Gr 9 Geography; Gr 10 Canadian History; Gr 12 Canada: History, Identity and Culture

**Environmental Racism at the Tay River: Algonquin Community Perspectives and Responsibilities**
Hear first-hand account of First Nations people struggling to gain community control over their water resources. Speakers include Paula Sherman of Trent University and Chief Robert Lovelace of Ardoch Algonquin First Nation.
Curriculum links: Gr 9 Geography; Gr. 9 Native Studies; Gr 10 Canadian History; Gr 10 Native Studies; Gr 11 Science; Gr 12 Challenge and Change in Society; Gr 12 Native Studies

**Youth and the Canoe**
Canoe trips can have many profound impacts on teens - developing self esteem, finding respect for the natural world, learning group cooperation, and much more. Local educators will share their experiences in leading youth on canoe trips, and engage the group in discussion on how to extend this experience into the secondary curriculum.
Curriculum links: Gr 9 Geography; Gr 10 Science; Gr 11 Geography; Physical Education; Gr 12 Canadian and World Issues; Native Studies; Gr 12 Canadian History; Gr 12 Env. and Resource Management

# A Flow of Learning Conference Biographies

## Doctora Emma Marquerita Aquilar Garcia

No biography available at time of printing.

## Michelle Cader

Michelle Cader is a Board Member of *Planet in Focus: Toronto International Environmental Film & Video Festival*. She worked for several years in development for Hot Docs Canadian International Documentary Festival and is currently pursuing a career in Outdoor, Experiential and Environmental Education.

## M.C. Jose Luis Campos Diaz

M.C. Luis Campos Diaz is a biologist working with the Municipality of Texcoco, Mexico. He is also a professor at the Universidad Autonoma Chapingo. Over the past two years, he has worked as an advisor to the coordinators of various INSTRUCT projects in the area.

## Meredith Carter

Meredith Carter is the Manager of Environmental Projects at Otonabee Conservation. She combines her technical skills and community development experience by facilitating environmental conservation projects throughout the watershed. Whether she is planting shrubs for a shoreline naturalization, or counting frogs as part of an amphibian monitoring program, Meredith enjoys showing people the fun side of natural history and environmental science. A graduate of the University of Guelph, Meredith has a diverse range of experience in the field of natural resource management.

## Mauricio Davila Salazar

Mauricio Davila Salazar is an undergraduate student from the Universidad Tecnica del Norte, Ecuador. He is working to optimize the pilot project for the community of Puerto Alegre as part of the wider INSTRUCT project.

## Hugh Dobson

Hugh has taught in the Integrated Leadership Program at Thomas A. Stewart Secondary School for the past three years. Prior to that, Hugh was Head of the Geography Department at Adam Scott, and also helped establish the Leadership program at Crestwood. Hugh has been a professional outdoor leader his entire adult life.

## D. Dwars

D. Dwars is a Water Quality Specialist at Otonabee Conservation. D. brings over 10 years of experience in water quality and environmental monitoring to Otonabee Conservation, along with two degrees from Trent University. As the Water Quality Specialist, D. is involved with sample collection, analysis, reporting and education. During the summer months she can be found waist deep in many of the watercourses in the area taking water samples, sampling benthic macroinvertebrates or enjoying the view from her dock on Buckhorn Lake.

## Mark Haslam

Mark Haslam is the Founder and Festival Director of *Planet in Focus: Toronto International Environmental Film & Video Festival*. He worked for many years as a writer/director/producer at Vision TV. He has a Masters degree in Film, and a Masters in Environmental Studies.

## Ann Hobday

Ann loves her day job teaching secondary school art in all media to students of all ages at Holy Cross Secondary School in Peterborough. Her watercolour box has travelled to Newfoundland, Ontario's North, Mongolia and China. She is also Chair of the Kawartha Potters' Guild and is learning to combine two of her loves; painting and claywork through relief sculpture and painted pots.

## Robert Lovelace

As the chief of Ardoch Algonquin First Nation, Robert spends a lot of time dealing with environmental degradation within Algonquin traditional territory. Robert is also the Director of the Aboriginal Student Centre at Queen's University in Kingston, Ontario.

## Elizabeth May, Keynote Speaker

Elizabeth May is an environmentalist, writer, activist and lawyer and is the Executive Director of the Sierra Club of Canada, a member of the board of directors of the International Institute for Sustainable Development and is the former vice chair of the National Round Table for the Environment and Economy. A graduate of Dalhousie Law School, she first became heavily involved in environmental issues in the mid-70's fighting insecticide

spraying on forests near her home on Cape Breton Island, Nova Scotia. Elizabeth is also the author of four books, Budworm Battles (1982), Paradise Won: The Struggle to Save South Moresby (1990), At the Cutting Edge: The Crisis in Canada's Forests (Key Porter Books, 1998) and is co-author, with Maude Barlow of Frederick Street; Life and Death on Canada's Love Canal (Harper Collins, 2000). Elizabeth is the recipient of several awards including the Outstanding Achievement Award from the Sierra Club in 1989, the International Conservation Award from the Friends of Nature, the United Nations Global 500 Award in 1990, the 2002 Harkin Award and the 2002 Earthcare award from the Sierra Club (US). In May 2000 she was granted an honorary doctorate from Mount Saint Vincent University.

## Peter Mullins

This is Peter's second year teaching English in the Integrated Leadership Program at Thomas A. Stewart Secondary School. Prior to that, Peter taught grade 7-8 in Bowmanville for five years, and taught in both Nicaragua and St Vincent and the Grenadines.

## Bryan Poirier

Bryan Poirier is a graduate of the Outdoor and Experiential Education program at Queen's University, and is currently engaged in the development of education programs at the Canadian Canoe Museum, where he works as the Education Coordinator. In addition, he spends as much time as possible (which, of course, is never enough) on the water, working with paddlers as an ORCA canoeing instructor.

## Kathy Reid

Kathy is the Coordinator of Marketing and Community Relations at Otonabee Conservation. Kathy blends her passion for the outdoors with her communications and marketing skills to engage the community in conservation throughout the Otonabee Region watershed. Kathy is also involved with several community and provincial organizations, advancing natural resource management and conservation education. A graduate of Trent University, Kathy has 19 years experience in her chosen profession.

## Ing. Agustin Rueda

Ing. Agustin Rueda is the Co-Coordinator of an INSTRUCT-funded project in four rural communities treating waste water using plants. He did his undergraduate thesis on the Prenadilla, a historical and threatened fish in the Lago San Pablo Watershed, in Imbabura Province, Ecuador.

## Paula Sherman

Paula is an Algonquin woman currently working on her Ph.D. in Native Studies at Trent University. As a mother and grandmother, Paula is

concerned that Indigenous perspectives and warnings regarding the extraction of resources from Indigenous lands continues to be set aside in favor of multinational corporations.

## Eduard Sousa

No biography available at time of printing.

## Keith Stewart

Keith Stewart is the Toronto Environmental Alliance's Smog and Climate Change Coordinator. He has been active in TEA as a volunteer and board member since 1993, but joined the staff in January 2000 following the completion his Ph.D. dissertation at York University on Environmental Policy in Ontario. His current work is focused on expanding opportunities to promote energy conservation and 'green' power (electricity from renewable sources like wind or solar energy) within the restructuring of Ontario's electrical system.

He has previously worked as a researcher or project administrator with a variety non-governmental organizations, including the Canadian Environmental Law Association, Common Frontiers, the Ontario Public Interest Research Group, and the Environmental and Occupational Working Groups of the Toronto Cancer Prevention Coalition.

## Alex Waters

Alex has a degree from the University of Waterloo in Geography and Environmental Studies (B.E.S), and a teachers degree (B.Ed.) from the University of Toronto.

Alex has been involved in outdoor and environmental education for 22 years. For most of his career, he has worked at the Kortright Centre for Conservation where I was responsible for developing Canada's largest sustainable energy program. He is currently the national education coordinator for Ducks Unlimited Canada responsible for implementing and promoting Ducks wetland education resources and programs to teachers and students in Ontario. In the first 6 months of this position, he has sent over 3000 students on free wetland field trips. Over the next few years, he hopes to increase this to 10,000 students per year.

## Shirley Williams - nee (Neganigwane)

(Nishnaabe -kwe)

Shirley Williams is a member of the Bird Clan of the Ojibway and Odawa First Nations of Canada. Her Aboriginal name is "Migizi ow-kwe" meaning

"that Eagle Woman". She was born and raised at Wikwemikong, First Nations Unceded Reserve on Manitoulin Island, she now resides in Peterborough. She attended at St. Joseph's Residential School, Spanish, Ontario. Shirley has lectured across Ontario promoting Nishnaabe language and culture. She received her B.A. degree in Native Studies from Trent University. She received her diploma in Native Language Instructor's Program, Lakehead University and did her M.A. at York University on Environmental Studies on Language and Culture on Manitoulin Dialect in 1996. Shirley started her work in the Native Studies Department in 1986 to develop and promote Native language courses within the department.

In her leisure time she enjoys traveling and dances as a traditional woman dancer following the Pow wow trails during summer time plus teaching at Native Language Instructor's Program during her summer holidays. You might see her one-day at Pow wow, busy making notes for the latest edition of the Nishnaabemowin text which is one of her pet projects.

# Thanks for making the FLOW possible!

piKe
*aka* Cheri Wright, Conference Coordinator, Kawartha World Issues Centre

**2002-03 Coordinating Committee**
Cathy Dueck, Peterborough Green-Up
Adele Finney, Kawartha World Issues Centre
Lisa Pirone, Queen's Trent Concurrent Education Program
Linda Slavin, INSTRUCT, Trent International Program
Cheri Wright, Conference Coordinator, Kawartha World Issues Centre
Student Evaluator-Observers:
Jennifer Caberry, Trent Centre for Community Based Education
Mathew Morgan, Trent Centre for Community Based Education

**2001-02 Preparation and Partnership Framework**
Deborah Berrill, Trent School of Education and Professional Learning
Stephen Bocking, Environmental and Resource Studies, Trent University
Jenny Chong, Queens' Trent Concurrent Education Program
Adele Finney, Kawartha World Issues Centre
Nan Kendy, Trent Centre for Community Based Education
Linda Slavin, INSTRUCT, Trent International Program
Barbara Slim, Trent Centre for Community Based Education
Solomon Thompson, Volunteer

**Coordinating and Staff Support for Conference**
Bonnie Anderson, Kawartha Pine Ridge School Board
Taarini Chopra, INSTRUCT, Trent International Program
Donald Fraser, Peterborough Green-Up
Katy Jenkins, Teacher Candidate, Faculty of Education, Queens University

**Kawartha Centre/Camp Kawartha**
Jacob Rodenburg, Executive Director
Kate Tremblett, Kitchen Manager, Cook

**Facilitators**
Mike Boylan, Erin Crowe, Georgia Duvall, Marlene Faulkner, Andra Forney, Jeca Glor-Bell, Tim Holland, Marcelina Salazar (all students or recent graduates from Trent University) and
Dennis Haslam, Planet in Focus
Ann Hobday, Holy Cross Secondary School
Rhonda McIsaac, KWIC Board of Directors
Peter Mullins, Thomas A. Stewart Secondary School
Bryan Poirier, Canadian Canoe Museum

**Translators**
Sofia Castillo, Diana Cortes, Enrique Delmazo, Adriana Rosselli, Marcelina Salazar, Ronaldo Vaca-Pereira

**Sponsoring Organizations**
INSTRUCT (CIDA), Kawartha World Issues Centre, Ontario Council for International Cooperation, Peterborough Green-Up, Queen's Trent Concurrent Education Program, Trent School of Education and Professional Learning

## The Kawartha Centre

Nestled in the heart of the Kawarthas on the shores of Clear Lake, The Kawartha Centre offers an inspirational setting for conferences, retreats, workshops or special events. The 180 acres of scenic property provides many kilometers of trails. Guests stay in rustic winterized cabins with nearby shower and washroom facilities. Delicious and wholesome meals are prepared in the kitchen, and served in the charming dining room beside a cozy lounge complete with stone fireplace.

### How to Get There:

The Kawartha Centre is a thirty minute drive from Peterborough. Travel north on County Rd. 29 (formerly called Hwy. #28) roughly 5 km past the Village of Lakefield. Turn right onto Birchview Rd., and proceed for 7 km. The Centre will be on your left.

### What to Bring:

- bedding (accommodation in winterized cabins)
- winter sports gear: cross-country skis, snowshoes, skates etc. (some available at the Centre)
- binoculars, flashlight, musical instruments
- warm clothing for outdoor activities
- your favourite resource materials to show the group

### Questions? Call...

*Peterborough Green-Up*
(705) 745-3238

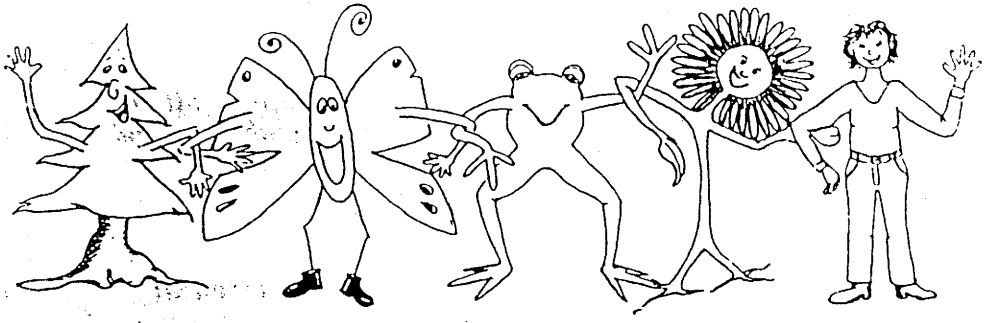
PETERBOROUGH
GREEN-UP

*an event of:*

**The Kawartha Region Environmental Educators' Network**

*with generous support from:*

**Ontario Trillium Foundation**
**City of Peterborough**
**Peterborough Utilities**



# Youth and Environment: Making Links for Life

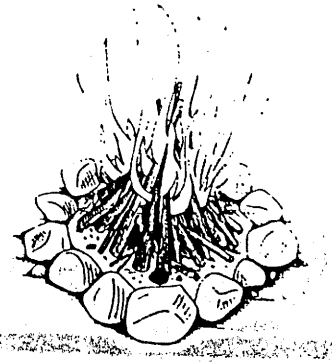
## February 22-24, 2002

Lakefield, Ontario

*a wonderful weekend for teachers and youth leaders!*

*SECONDARY PROGRAM*

*Peterborough Green-Up is delighted to announce an extraordinary opportunity...*



*Imagine a weekend in the woods with fellow educators, full of program ideas, inspiration and resources to bring a spark to your environment-related programs and a twinkle to your eye! Perfect for classroom teachers, youth group leaders, parents and student teachers.*

## How Will I Benefit?

- learn techniques for effective environmental education from some of our region's best teachers and community resources
- explore the local environment as an engaging focus for curriculum topics
- share skills and resources with other educators
- find support and ideas for program planning
- relax and enjoy the beautiful setting - be inspired and rejuvenated!

## Where Will It Be Held?

The weekend takes place at the scenic Kawartha Outdoor Education Centre, just north of Lakefield, Ont. Car pooling can be arranged. See the back of this brochure for further details.

## What Does It Cost?

Thanks to generous support from the Ontario Trillium Foundation, fees are a real bargain! All fees include meals and accommodation.

**Weekend fee per person: $60.00**
**Student Rate (for tomorrow's teachers!) $45.00**

## How Do I Register?

Registrations are on a first-come, first-served basis. A limited number of spaces are available, so register early! Registrations will be confirmed on receipt of fees and a completed registration form.

*Registrations must be received at the Peterborough Green-Up office no later than Wednesday, February 20, 2002*

# The Program

### *Friday, February 22*

| | |
|---|---|
| 6-7 PM | Arrival and Cabin Allocation |
| 7:00 | Welcome, Snacks |
| 7:30 | Introductions and Program Overview |
| 8:00 | **Keynote Address:** "Wet Wellies and Frozen Drawers" with James Raffan |
| 9:00 | Recreation, Relaxation (music by the fireplace, night hike, snowshoeing under the stars etc.) |

### *Saturday, February 23*

| | |
|---|---|
| 8:00 AM | Breakfast |
| 9:00 | **Workshop I:** "Opening Doors and Making Connections" with Linda Slavin |
| 10:30 | Outdoor Sports (skiing, skating on the lake) |
| 12:00 | Lunch |
| 1:00 PM | **Workshop II:** "Discovering the Kawarthas" with Fred Helleiner |
| 3:00 | Snack Break |
| 3:30 | Mini Workshops (topics to be announced) |
| 5:00 | Dinner |
| 6:30 | **Discussion:** a) "What Challenges Do We Face Today as Environmental Educators?" b) Tools for Meeting the Challenge |
| 8:00 | Country Dance (easy contras with live music!) |
| 9:00 | Recreation, Relaxation, Resource Browsing |

### *Sunday, February 24*

| | |
|---|---|
| 7:30 AM | Early Bird Walk with Fred Helleiner |
| 8:00 | Breakfast |
| 9:00 | Sunrise Ceremony |
| 10:00 | Mini Workshops and Outdoor Sports |
| 11:00 | **Workshop III:** Cross-Curricular Environmental Monitoring with Bonnie Anderson |
| 12:00 | Lunch |
| 1:00 PM | "Keeping the Fire Burning"; Distribution of Resources; Evaluation |
| 1:45 | Pack-Up and Departure |

## Workshop Leaders:

These are some of the people you'll meet:

**Bonnie Anderson**

Bonnie is the outdoor educator at Wilmot Creek Outdoor Centre and has been a naturalist with the local school board for ten years. She is a driving force behind many environmental education initiatives including the development of the Watershed Report Card. Her wonderful sense of humour keeps us laughing while we're learning

**Fred Helleiner**

Fred is a recently retired professor of geography from Trent University and an unparalleled naturalist and field trip leader. A skilled and sensitive teacher, Fred's classes have fostered a lifelong link to the environment in countless students.

**James Raffan**

James directed the Experiential Outdoor Education Program at Queens's University for many years, and is well-known as an author, canoeist and naturalist. He now directs education programs at the Canadian Canoe Museum where his expertise and creativity delight and challenge people of all ages.

**Linda Slavin**

Linda's creative workshops in group dynamics are legendary. She is passionately committed to global education, and has played key roles in the excellent work of the Kawartha World Issues Centre as well as the INSTRUCT Program at Trent University. Linda has helped to motivate and empower many youth groups and community leaders to work towards sustainable community development.

**********

For registrants: We know that many of you have skills or experiences that others would love to share. Would you be willing to give a mini-workshop (30 min max)? What topic or skill could you offer?

_____

_____

_____

_____

_____

_____

## Registration Form for Secondary Program (Feb. 22-24)

Name _____

Address _____

Home Phone _____ Work Phone _____

Emergency Contact: _____

Fee Enclosed: ☐ $60 Regular ☐ $45 Student

Grade or Age Level You Teach (or plan to teach): _____

Do you have any special areas of interest or topics you would like to learn about? _____

Are there skills you could share with others at the weekend? (Please elaborate on the back of this page) _____

**Cabin Sharing Preference** (up to seven people per cabin):

☐ male campers only ☐ female campers only

☐ co-ed or whatever is available

I would prefer to room with: _____

**Food Preference**

☐ meat ☐ vegetarian ☐ vegan

☐ food allergies? (please specify) _____

Do you have any medical condition we should be aware of? _____

Do you need a ride to the Kawartha Centre? ☐ Yes ☐ No

Could you give a ride to others coming from your area? ☐ Yes ☐ No

Expected time of arrival at the Kawartha Centre _____

*May we include your name on our contact list for other participants?* ___

*Send registration form and fee (payable to Peterborough Green-Up) to:*

**PETERBOROUGH GREEN-UP**
360 George St. N., Unit 42 (Peterborough Square)
Peterborough, Ont. K9H 7E7 - Phone (705) 745-3238

*Registrations must be received no later than Wednesday, February 20, 2002. Registrations will be confirmed by telephone.*

## What workshops will be offered?

There will be three workshop periods throughout the day. Please indicate your first and second choices for each period:

Period 1 - 9:30-11:30

Period 2 - 12:45-2pm

Period 3 - 2:15-3:30

- ❑ *Climate Change and its Impact on Water*, presented by Shannon Thompson, recently of the Toronto Atmospheric Club
- ❑ *Water, Wetlands, and Habitat*, presented by Alex Waters of Ducks Unlimited
- ❑ *Native Perspectives on Water*, presented by Shirley Williams of Trent University
- ❑ *Global Community Action on Water*, presented by Linda Slavin of INSTRUCT
- ❑ *Youth and the Canoe*, presented by staff from the Canadian Canoe Museum
- ❑ *Introduction to Water Quality*, presented by Meredith Carter of Otonabee Conservation
- ❑ *Watercolours as a Medium for Expression and Connection*, presented by Ann Hobday of Holy Cross CSS in Peterborough
- ❑ *Ice & Snow*, presented by Peterborough MP, Peter Adams
- ❑ *Politics of Water Privatization*, presented by Stephen Bocking of Trent University
- ❑ *Exploring Water Issues through Film*, presented by the Planet in Focus film festival
- ❑ *Environmental Racism*, presented by ???
- ❑ *Interdisciplinary Integration of Environmental Issues*, presented by staff members of Thomas A. Stewart SS in Peterborough

## Who is the Keynote Speaker?

Elizabeth May is a grassroots environmentalist, writer, activist and lawyer. She is the Executive Director of the Sierra Club of Canada, and a member of the board of directors of the International Institute for Sustainable Development. She is the author of four books, the most recent of which is co-authored with Maude Barlow and entitled "Frederick Street: Life and Death on Canada's Love Canal."

## What to Bring:

- bedding (for Friday night accommodations in winterized cabins)
- winter sports gear - snowshoes, cross-country skis, skates, etc. (some may be available at the Kawartha Centre)
- binoculars, flashlight, musical instruments
- warm clothing for outdoor activities
- your favourite resource materials to share with the group

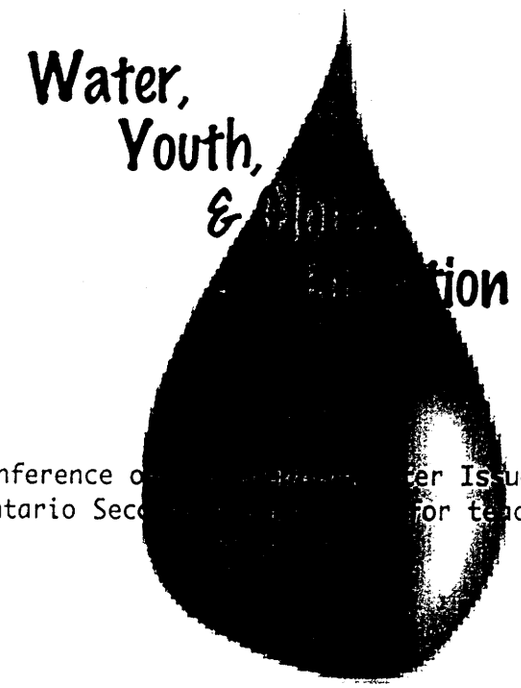
**Questions?**
Call the Kawartha World Issues Centre at
**705-748-1680**

## Brought to you by:

- Kawartha World Issues Centre
- Peterborough Green-Up
- INSTRUCT
- Trent School of Education and Professional Learning (SEPL)
- Queen's-Trent Concurrent Education Program



# A Flow of Learning...




A Conference o[illegible]er Issues into the Ontario Sec[illegible]or teachers and

Friday, February 21st &
Saturday, February 22nd, 2003

**The Kawartha world Issues Centre is delighted to announce an extraordinary opportunity...**

- imagine a day in the woods with fellow educators full of ideas, inspiration, and resources
- share in the energy and creativity in making connections between local & global environmental issues, your school, and community & global education
- this conference aims to provide the time, space, and resources for teachers and teachers-in-training to connect their curriculum needs and expectations with community and global educators
- we anticipate the attendance of secondary school teachers, youth group leaders, post-secondary students, parent, local non-government organizations and institutions, and local community groups

## How will I benefit?

- learn techniques for effective local and global environmental education from some of our region's best community resources
- explore the local surroundings as an engaging focus for international curriculum topics
- share skills and resources with other educa s from the Kawartha region
- find support and ideas for program planning
- relax and enjoy the beautiful setting – be inspired and rejuvenated!

## How is the conference structured?

- Elizabeth May will be speaking on Friday evening at a presentation open to the public
- Saturday participants will have the opportunity to cycle through a variety of workshops and speakers, with time in between to mingle, share ideas, and relax

## What does it cost?

- Thanks to generous support from our sponsors, fees have been kept to a minimum. All prices include lunch at the Kawartha Outdoor Centre on Sc -day, February 22nd

Keynote Speaker: Elizabeth May – ***FREE!***

Friday Night Accommodations, Breakfast, and Saturday's program –
$40 waged or $30 unwaged/students

Saturday Program –
$30 waged or $20 unwaged/students

## Where will it be held?

- Elizabeth May will be speaking at Wenjack Theatre in Otonabee College, Trent University
- Saturday's Workshops will take place at the scenic Kawartha Outdoor Education Centre

*On 180 acres of scenic property on the shores of Clear Lake, the Kawartha Centre offers an inspirational setting for conferences and special events. Delicious meals are served in the dining hall beside a cozy lounge.*

- Only thirty minutes north of Peterborough, take Country Road 29 (formerly Hwy. 28) roughly 5km past Lakefield. Turn right on Birchview Road and proceed for 7km. The centre will be on your left.

## How do I register?

- Registrations are on a first-come, first-served basis. A limited number of spaces are available, so register early!
- Registrations will be confirmed upon receipt of fees and a completed registration form (attached) Registrations must be received at the Kawartha World Issues Centre no later than February 7th

## Registration Form

Name: _____

Address: _____

_____

Phone: _____
(Home) (Work)

Email: _____

Emergency Contact: _____

Fee Enclosed:
- ☐ $40 (Waged with accommodations)
- ☐ $30 (Unwaged with accommodations)
- ☐ $30 (Waged Saturday Program)
- ☐ $20 (Unwaged Saturday Program)

Food Preference:
☐ Meat ☐ Vegetarian ☐ Vegan
☐ Allergies: _____

Do you have any medical conditions of which we should be aware? _____
Do you need a ride? _____
Can you drive others from your area? _____
Do you require child-care service? _____
May we include your name on our contact list for other participants? _____

*Please send registration form and fee (made payable to Kawartha World Issues Centre) to:*

**Kawartha World Issues Centre**
**PO Box 895**
**Peterborough, Ontario**
**K9J 7A2**

*Registrations must be received*
*no later than February 7th, 2003.*
*Registrations will be confirmed upon receipt.*

## What workshops will be offered?

There will be three concurrent interactive workshop periods on Saturday. Additional information is available on the KWIC website. Indicate your first and second choices for each:

**Concurrent A Workshops – 9:30-11:30**

- ☐ *Exploring Water Issues through Film*, members of the Planet in Focus film festival
- ☐ *Global Community Action on Water*, international members of INSTRUCT
- ☐ *Introduction to Water Quality in the Trent Watershed*, Meredith Carter of Otonabee Conservation
- ☐ *Hands-On Renewable Energy as a Solution to Climate Change*, Keith Stewart, Toronto Environmental Alliance

**Concurrent B Workshops – 12:45-2:00**

- ☐ *Native Perspectives on Water*, Shirley Williams of Trent University
- ☐ *Politics of Water Privatization*, presenter TBA
- ☐ *An Integrated Approach to Environmental Education: Theory and Practice*, members of Thomas A. Stewart Secondary School's Integrated Leadership Program
- ☐ *Water, Wetlands, and Habitat*, Alex Waters of Ducks Unlimited

**Concurrent C Workshops – 2:15-3:30**

- ☐ *Watercolours as a Medium for Expression and Connection*, Ann Hobday of Holy Cross CSS in Peterborough
- ☐ *Environmental Racism and Water*, presenter TBA
- ☐ *Youth and the Canoe*, staff from the Canadian Canoe Museum

## Kawartha Centre

Saturday's Workshops will take place at the scenic Kawartha Centre (Camp Kawartha). Only thirty minutes north of Peterborough, take Country Road 29 (formerly Hwy. 28) roughly 5km past Lakefield. Turn right on Birchview Road and proceed for 7km. The centre will be on your left.

## What does it cost?

(subsidies available upon request)

- Friday night Accommodations, Breakfast, and Saturday program at Kawartha Centre:
  $40 waged, $20 unwaged/student
- Saturday's program only:
  $30 waged, $15 unwaged/students

## What to Bring

- ✓ Bedding (for those requiring Friday night accommodations in winterized cabins)
- ✓ Warm clothing for outdoor activities
- ✓ Your favourite resource materials to share with others

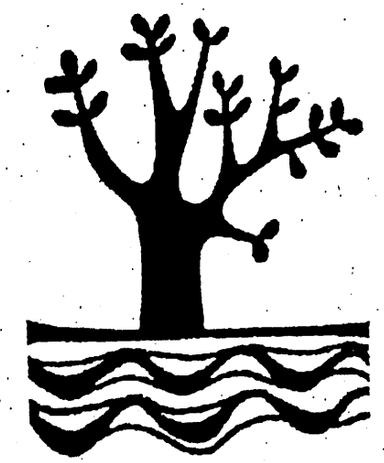
### Questions?

Call the Kawartha World Issues Centre 705-748-1680 or online at www.trentu.ca/kwic

Sponsored by Kawartha World Issues Centre, Peterborough Green-Up, INSTRUCT (CIDA), the Ontario Council for International Cooperation, Trent School of Education and Professional Learning (SEPL), and Queen's-Trent Concurrent Education Program.

# A Flow of Learning

## Water, Youth, & Global Education



A Conference on Teaching Water for Secondary School Teachers, Community Educators, and Interested Youth

**Friday and Saturday**
**February 21 & 22, 2003**

## Conference Vision

**What?** A day in the woods with fellow educators full of ideas, inspiration, and resources. Share in the energy and creativity in making connections between local & global environmental water issues, between community & global education.

**How?** We aim to provide time, space, and resources for teachers and teacher candidates to connect their curriculum needs and expectations with community and global educators. Receive a conference completion certificate for your professional development.

**Who?** Secondary school teachers, teachers-in-training, youth group leaders, students, parents, local non-government organizations and institutions, and local community groups.

## What will we learn?

- ✓ Learn techniques for effective local and global environmental education from some of our region's best community resources.
- ✓ Explore global education links within the Ontario curriculum through interactive workshops.
- ✓ Share skills and resources with other educators from the Kawartha region.
- ✓ Relax and enjoy the beautiful setting – be inspired and rejuvenated!

## Conference Schedule

### Friday, February 21st
### Wenjack Theatre, Trent University

"Water in the Global Classroom"
Keynote Speaker: Elizabeth May
7:30pm – 9:30pm
***FREE ADMISSION – PUBLIC EVENT***

*Elizabeth May is a grassroots environmentalist, writer, activist and lawyer. She is the Executive Director of the Sierra Club of Canada, and a member of the board of directors of the International Institute for Sustainable Development. She is the author of four books, the most recent of which is co-authored with Maude Barlow and entitled "Frederick Street: Life and Death on Canada's Love Canal."*

### Saturday, February 22nd
### Kawartha Centre

**(directions and fees on reverse)**

| | |
|---|---|
| 8:30 | Breakfast and registration |
| 9:00 | Welcome and Introductions |
| 9:30-11:30 | Concurrent A Workshops |
| 11:30-12:00 | Networking/Outdoor Activities |
| 12:00-12:45 | Lunch |
| 12:45-2:00 | Concurrent B Workshops |
| 2:15-3:30 | Concurrent C Workshops |
| 3:30-4:15 | Plenary Discussion: *How can classroom and community educators work best together?* |
| 4:15-4:30 | Closing and networking |

*Saturday participants will have the opportunity to move through a variety of interactive workshops with time to network, share ideas, and relax.*

## Registration Form (also available online)

**Name** _____

**Address** _____

_____

**Phone** _____
(Home) (Work)

**Email** _____

**Emergency contact (name and phone)** _____

**Amount of Fee Enclosed** _____

**Food Preference**
☐ Meat ☐ Vegetarian

Allergies:
_____

Do you have any medical conditions we should be aware of?
_____

Do you require free child-care services? _____

Do you need a ride? _____

Can you provide a ride? _____

***Please send registration form and fee (made payable to KWIC) to:***
***Kawartha World Issues Centre***
***P.O. Box 895***
***Peterborough, Ontario***
***K9J 7A2***

***Register online at www.trentu.ca/kwic***
***Registrations must be received no later than Feb. 7/03.***
***Registrations will be confirmed upon receipt.***