

ENVIRONMENTAL ADVISORY COMMITTEE  
Wednesday January 12, 2011

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Time: 4:30 – 6:00 p.m.

A G E N D A

Place: OL 127

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1. MEETING CALL TO ORDER
2. ADOPTION OF AGENDA
3. ADOPTION OF MINUTES
4. MATTERS ARISING
5. EAC MEMBERSHIP - PETER
6. DIRECTOR'S REPORT – TOM
7. REPORT FROM HUMAN COMMITTEE OF EAC ON CREDENTIAL - PETER
8. KAMLOOPS AIRSHED MANAGEMENT PLAN: TRU REP - ROBIN
9. PRESIDENT'S LECTURE SERIES – SUSTAINABILITY = TOM D.
10. ANY OTHER BUSINESS

Please note that refreshments will be provided but each member should bring a reusable hot or cold cup.

# THOMPSON RIVERS UNIVERSITY

## ENVIRONMENTAL ADVISORY COMMITTEE

December 1<sup>st</sup>, 2010

**Time: 4:30 – 6:00 p.m.**

**Place: OL 127**

**NOTES**

### **ATTENDANCE:**

**Present:** R. Reid; P. Powers; P. Tsigaris; S. Purdy; L. Tabata; T. Owen; J. Murray; J. Sparks; G. Hayes, K. Bronnimann.

**Scribe:** J. Hicks

**Guests:** K. Smith; P. Gray;

**Regrets:** J. Van Hamme, D. Crespin Mueller, B. Christianson, H. Parsons, T. Dickinson

#### **1. MEETING CALL TO ORDER**

P. Tsigaris in the Chair. The meeting was called to order at 4:34pm.

#### **2. ADOPTION OF AGENDA**

**On motion duly made, it was resolved to adopt the agenda as circulated. CARRIED.**

#### **3. ADOPTION OF MINUTES**

**On motion duly made, it was resolved to approve the minutes as circulated. CARRIED**

#### **4. MATTERS ARISING**

Environmental policy is being circulated to the president's council as established by outgoing President Roger Barnsely.

#### **5. REPORT ON SUSTAINABILITY WEEK**

**K. BRONNIMANN**

Sustainability week, supported by the Environment and Sustainability department, Ancillary Services and TRUSU, and organized by TRU ECO, was a great success. The events that took place are as follows:

- **Tabling (T, R, F):** Tabled to raise awareness amongst the student body regarding TRU ECO and the initiatives being enacted by TRU towards a more sustainable university.
- **Trashion Show (W):** The goal of the show was to promote the purchase of used clothing over new clothing. All the outfits showcased were donated on loan by Value Village.
- **Stuff Swap (F):** To facilitate an exchange of items that may otherwise have been thrown in the garbage.

- **Canvas of Change (M):** An artistic expression by students of how we as individuals can change our behavior to work towards creating tangible benefits towards a more sustainable society.
- **Speakers (T):** Speakers included P. Tsigaris and T. Owen. Presentations were twenty minutes in length followed by question periods. Student turnout was good with roughly twenty five in attendance.

## 6. DIRECTORS REPORT

T. OWEN

T. Owen reported on the following items:

Bonnie Klohn was the recipient of the Penny Powers Sustainability award at this year's awards ceremony.

The EAC welcomed Patricia Gray to the committee. Patricia Gray discussed the TD Friends of the Environment Go Green Challenge. Information on the event is as follows:

<http://www.fef.td.com/gogreen/index.jsp>

### Who can enter?

Anyone who is a legal resident of Canada and is currently enrolled in an undergraduate or graduate program, full or part-time, at an approved Canadian college or university is eligible to enter.

### What are the prizes?

**1st prize:** A \$20,000 team prize and a paid summer internship with TD FEF (or another organization) for each team member, **plus** a \$100,000 grant for your school to support on-campus sustainability initiatives.

**2nd prize:** A \$15,000 team prize and \$15,000 grant to support tree-planting initiatives at your school.

**3rd prize:** A \$10,000 team prize and \$10,000 to support tree-planting initiatives at your school.

**4th prize — People's Choice Award:** From February 28 to March 11, 2011, your entries will be posted on TD's YouTube channel and the public will be invited to vote for their favourite idea. The winning team will be awarded \$2,500.

P. Gray is also organizing events on campus for International Day in February. The idea is to take environmental issues on campus and create games surrounding them.

Tom discussed the Energy report. As discussed in the previous director's report, TRU has received 10% (\$260,000) of the available money for energy projects for three solar water projects in CAC, Old Main and Culinary Arts which will be installed by the end of the year. In addition, Trades is installing a teaching solar water heating system in their building.

## 7. UPDATE ON BOTTLED WATER

G. HAYES

Between November 2009 and October 2010, vending sales of bottled water decreased 3.5%. In the Terrace bottled water sales decreased by 500 cases.

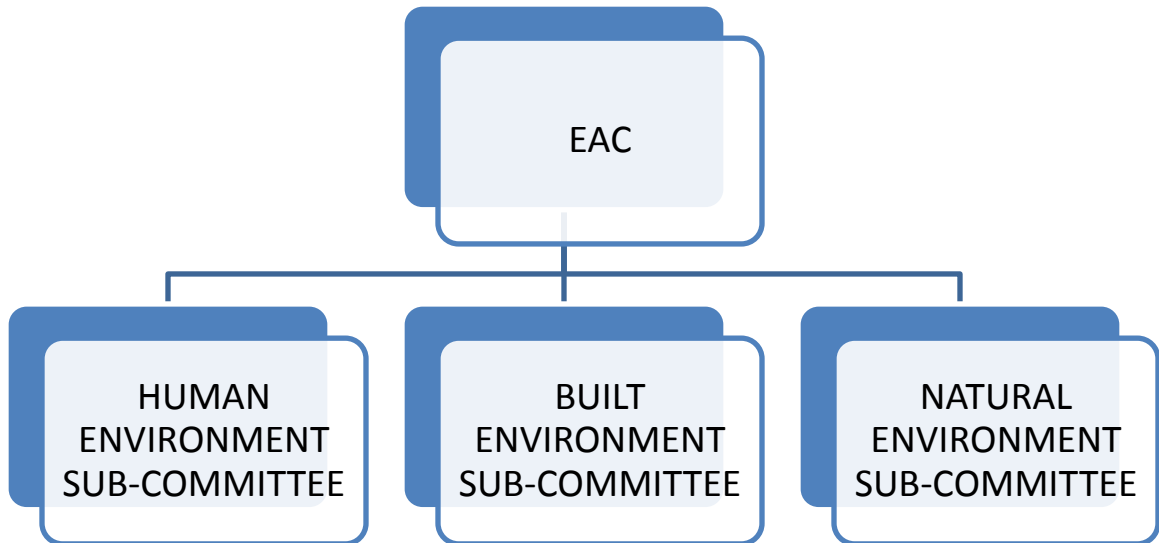
**MOTION:** Invite Coca Cola representative to speak to the EAC at the next meeting. In accordance, the Agenda for the next meeting should reflect this. **CARRIED**

Aramark may also be invited; however there was no Resolved Motion to officially invite a representative to speak to the EAC.

**ACTION: G. HAYES to invite Coca Cola representatives to next EAC meeting**

## 8. COMPOSITION AND WORKPLAN OF SUB COMMITTEES

The official structure and terminology is as follows:



### **Human Environment Sub-Committee:**

P. Tsigaris (Interim Chair)  
D. Crespin Mueller  
H. Parsons  
B. Klohn

### **Built Environment Sub-Committee:**

B. Christianson  
J. Sparks (Interim Chair)  
D. Crespin Mueller  
D. Parkes  
J. Van Hamme

### **Natural Environment Sub-Committee:**

P. Powers  
R. Reid  
T. Dickinson  
S. Purdy (Interim Chair)  
K. Bronnimann

The sub-committees may feel free to establish “working groups” should it be beneficial. The first responsibility of the Interim Chairs is to establish the first meetings of the sub-committees.

## **9. LETTER OF SUPPORT FOR CAPTAIN MOORE’S HONORARY DOCTORATE**

**MOTION:** Peter to send a supporting letter to the Awards and Honorary committee. Motion supported by P. Powers and seconded by S. Purdy. The letter should contain a disclosure of information regarding the future potential for a partnership between TRU and Captain Moore to establish and field school using Moore’s property in Hawaii. **CARRIED**

Captain Moore was responsible for uncovering the “island of plastic” and is considered a world expert on the negative effects of plastic. He owns his own research vessel and is currently working with UWO to research the effects of plastics on the Great Lakes.

**ACTION: P.TSIGARIS to write letter on behalf of EAC to awards committee supporting Captain Moore’s nomination**

## **10. NO IDLING ZONE POLICY**

**S. PURDY**

**MOTION:** Idling Zone Policy be referred to the “Human Environment Sub-Committee”. **CARRIED**

Various aspects of a potential policy were discussed including enforcement, education programs, overlap and redundancy with the Vehicle Policy, and policies implemented at other universities with success.

**ACTION; T. Owen to submit previous drafts and comments to chair of Human Environment Su Committee**

## **11. COMPOSTING**

**S. PURDY**

There is an excess of composting worms available currently. Should other departments/buildings wish to establish composting programs, the worms are available.

**MOTION:** This issue should be addressed by the Natural Environment Sub-Committee. **CARRIED**

**ACTION;** P.POWERS will email Master Garden to see if they have a use for more worms.

## **12. OVERFLOW OF GARBAGE AND RECYLING**

**L. TABATA**

Comingled recycling on the campus is being implemented in favor of separated recycling bins.

**MOTION:** The issue will be addressed by the Built Environment Sub-Committee if additional action is needed following a report by L.Tabata. **CARRIED**

**ACTION; L. TABATA will provide an update on the mixed recycling programme on campus**

### **13. NEXT MEETING**

**P. TSIGARIS**

**MOTION:** The next meeting will be on January 12<sup>th</sup> from 4:30 to 6:00 in the same room.  
**CARRIED**

### **14. Motion to Adjourn. CARRIED**

### **15. SUMMARY OF MOTIONS**

**MOTION:** Invite Coca Cola representative to speak to the EAC at the next meeting. In accordance, the Agenda for the next meeting should reflect this.

**MOTION:** Peter to send a supporting letter to the Awards and Honorary committee. Motion supported by P. Powers and seconded by S. Purdy. The letter should contain a disclosure of information regarding the future potential for a partnership between TRU and Captain Moore to establish and field school using Moore's property in Hawaii.

**MOTION:** Idling Zone Policy to be referred to the "Human Environment Sub-Committee".

**MOTION:** This issue of composting and an excess of worms be referred to the Natural Environment Sub-Committee.

**MOTION:** The issue of overflowing garbage and recycling will be referred to the Built Environment Sub-Committee if additional action is required following a report by L. Tabata.

**MOTION:** The next meeting will be on January 12<sup>th</sup> from 4:30 to 6:00 in the same room.

## **Environment and Sustainability Director's Report January 2011**

### **SPEAKER SERIES**

- Steve Mannel, Director of the College of Sustainability at Dalhousie University has been confirmed with a date to be decided
- Rick Quail, Okotoks Alberta presentation on water conservation had to be postponed but will be rescheduled
- Peter Victor, economist, author of *Managing Without Growth*, was recontacted and I expect to have a date agreed to by the next meeting
- James Hoggan, Chair Suzuki Foundation, author *Climate Cover Up* has been contacted and has dates available
- I am still working on Avram Lazar, President, Canadian Forest Products Institute and an NGO representative discussing the joint process to agree to a Canadian cutting strategy, agreed in principle, date to be determined

### **TDM**

Urban Systems held a successful the kick off meeting and the project is continuing

### **ENVIRONMENTAL ACHIEVEMENT AWARD**

Call for nominations will be made in the Omega in January. The criteria and the review committee will continue as last year.

### **ENERGY INITIATIVES**

The 1.5 million energy retrofit is going well. The hot water solar heating systems for the CAC, Culinary Arts and Old Main were put in place on time and within budget.

### **GOVERNMENT REPORTING**

We are working with the support of Institutional Planning and Analysis we are preparing the two annual reports required by the Greenhouse Gases Target Reductions Act.

## ROBIN'S EMAIL

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Happy New Year everyone,

As you may know I used to sit on the Sustainable Kamloops committee as a public representative and a TRU representative. This committee was dissolved in the Spring 2010 and new committees are being established to deal with more specific topics of sustainability in Kamloops. The first committees to be established are the Technical and Advisory Committees for the Kamloops Airshed Management Plan. I have been contacted by Linda Piroddi from the Planning Department at the City of Kamloops to help identify the best person from TRU to sit on the Technical Advisory Committee for the Kamloops Airshed Management Plan. As Linda explained this person must be able to share TRU's position and initiatives as a stakeholder in an Airshed Management Strategy for Kamloops.

The attached is the terms of reference for the committee. While I enjoyed being involved in the Kamloops Sustainability Committee, I don't feel I am the right person for this committee. Please let me know if any of you are interested or if there is anyone else you can think of that would be suitable for this committee.

Cheers, Robin

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**CITY OF KAMLOOPS  
AIRSHED MANAGEMENT PLAN  
TERMS OF REFERENCE**

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**INTRODUCTION**

The responsibility for protecting air quality is shared among local, regional, provincial, and federal governments. The province has primary authority over air quality through the *Environmental Management Act* (EMA). This legislation enables the Ministry of Environment to develop air quality standards and guidelines, regulate point and area sources, and require the preparation of area based management plans.

An important tool used by local and regional governments to address air quality is airshed planning, a stakeholder-driven process to coordinate the activities affecting air quality in a defined area or airshed. This planning approach recognizes that local air quality is influenced by a host of activities and emission sources, numerous stakeholders, and overlapping regulatory jurisdictions.

Airshed plans are already developed in many communities and regional districts throughout British Columbia. The City of Kamloops has done some background research and implemented measures to address air quality at the local level including:

- Anti-idling reduction programs;
- Noise Control By-law to prohibit commercial motor vehicle from idling;
- Fire Prevention By-law;
- Interface Fuel Hazard Abatement Program; and
- Prohibition of Outdoor Wood Boilers.

**VISION OF THE AIRSHED MANAGEMENT PLAN**

- Ensure that citizens have healthy air to breathe by meeting or exceeding Canada-wide standards and provincial air quality objectives;
- Ensure continuous improvement in air quality throughout the community/region;
- Educate and inform the community on local air quality issues; and
- Lead by example by changing behaviour as needed to protect air quality.

**PURPOSE**

The City of Kamloops recently prepared a vision for sustainability in our community. The Sustainable Kamloops Plan, which lays the groundwork for the Integrated Community Sustainability Plan, establishes ways in which Kamloops can continue to function and grow but in a more sustainable manner. As part of this process, background research was conducted for all aspects of sustainability in Kamloops including land use and growth management, social matters, economic viability, recreation, energy use, development standards, transportation options, and air quality. Through this extensive review, the Sustainable Kamloops Committee and City Council determined providing guidance for specific goals and targets to protect and improve air quality is of importance.

Airshed planning is a key element of the sustainability vision to maintain a high standard of air quality. The Airshed Management Plan will provide a blueprint to help Kamloops manage development and influence air-contaminant sources. The Province of BC has committed to work with the City of Kamloops to develop and implement a plan.

The purpose of the Airshed Management Plan is to:

- Identify the existing state of air quality and projected trends;
- Identify impacts of air quality on the economy, the environment, and health;
- Identify strategies and tools to maintain good air quality, such as a policy, guidelines, or checklist for screening applications;
- Identify opportunities to mitigate negative outcomes between incompatible uses;
- Integrate air quality goals into all policies (i.e. land use planning, transportation planning, greenhouse gas management and energy management); and
- Answer questions and educate the community on the state of the airshed.

**PROCESS**

The general phases for the development of the Airshed Management Plan are noted in the following table:

<b>Milestone</b>	<b>Completion Date</b>
Finalize work plan and forward to Council for approval.	<b>Q4 2010</b>
Establish Committees, host start up meetings and secure consultant.	<b>Q1 2011</b>
Background research (airshed boundary, pollutants, sources, actions underway etc.).	<b>Q1 2011</b>
Stakeholder engagement and public consultation session: presentations on air quality, scope of plan, learn issues.	<b>Q2 2011</b>
Research how the City can reduce the adverse impacts of pollutants and emissions with zoning and other tools.	<b>Q3 2011</b>
Draft actions, strategies, future directions, and monitoring to address air quality.	<b>Q3 2011</b>
Stakeholder engagement and public consultation on research undertaken and proposed directions.	<b>Q4 2011</b>
Finalize directions and prepare draft document.	<b>Q1 2012</b>
Prepare final plan and Council report for Council adoption.	<b>Q1 2012</b>
Implement tools which will govern all new applications with airshed impacts.	<b>Ongoing</b>

## COMMITTEE STRUCTURE

The following committees will be required for the development of the Airshed Management Plan and these groups will provide input into the processing and technical aspects of the plan.

**The Airshed Steering Committee** consists of the Senior Management team and internal, interdepartmental working group. The Airshed Steering Committee will support the overall process and allocate resources as required.

**The Airshed Advisory Committee** will be an advisory committee with representation from various stakeholders. The Mayor will function as Chair for the committee and City staff will be responsible for organizing meetings and taking minutes. Staff and the Steering Committee will identify the topics and priorities for consideration. The primary purpose of the Airshed Advisory Committee is to represent varying interests of the community and provide recommendations to the Technical Advisory Committee. The Airshed Advisory Committee will dissolve when the Airshed Management Plan is complete and endorsed by Council.

**The Technical Advisory Committee** will comprise of representatives from relevant local and provincial agencies that will be called together to address specific issues as required. The primary purpose of the Technical Advisory Committee will be to assist in gathering and reviewing background information and offer expertise in shaping the direction, goals and implementation strategy of the Plan. The Technical Advisory Committee will dissolve when the Airshed Management Plan is complete and endorsed by Council.

## MEMBERSHIP FOR THE AIRSHED ADVISORY COMMITTEE

Interested parties will submit an expression of interest to participate and the committee members will be appointed by Council. The committee will consist of:

- The Mayor;
- Two Councillors appointed by the Mayor;
- An elected representative from the Thompson-Nicola Regional District (TNRD) (if not represented by Mayor or Council);
- Two members from the general public. Criteria for membership will include: the ability to represent larger community stakeholder groups acting in the best interests of the community rather than representation of a specific interest, ability to represent a general citizen-at-large, and the ability to work with other members of the committee in a positive and constructive manner;
- Representation from other stakeholders including local industry and the Chief or designate from Tk'emlúps Indian Band (TIB);
- The Sustainability and Environmental Services Manager and Environmental Services Supervisor; and
- The Planning and Development Manager and delegated Planning staff member.

## MEMBERSHIP FOR THE TECHNICAL ADVISORY COMMITTEE

Members for the Technical Advisory Committee will be appointed by the Airshed Steering Committee and include:

- The Sustainability and Environmental Services Manager and Environmental Services Supervisor;
- The Planning and Development Manager and delegated Planning staff member;
- Staff member from TNRD (Planning or Environmental Services);
- Staff member from TIB (Planning or Engineering);
- Staff member from each Ministry of Forests (Protection base), Interior Health Authority, Ministry of Environment, and Ministry of Transportation;
- Staff member from Thompson Rivers University; and
- Staff member from School District No. 73.

## KEY ROLES AND RESPONSIBILITIES

Overall, the role of the committees is to provide recommendations to go forward for consideration and final approval, which ultimately lies with City Council. All committee members are expected to be active participants in the process and their contribution to the process will be integral to the creation of an effective Airshed Management Plan.

All committee members will:

- Comply with the Code of Conduct outlined in this document;
- Strive for consensus on key topics;
- Encourage open discussion of ideas;
- Respect a diversity of opinions and knowledge in a respectful manner;
- Respect the proper lines of communications when dealing with public or media questions; and
- Recognize and respect decisions of the committees.

The role of the Airshed Advisory Committee is primarily to:

- Participate in an education workshop to have a clear understanding of the local technical issues;
- Lead the process and ensure gaps are identified and resolved quickly;
- Provide input to the process to be used in preparing the Airshed Management Plan, including defining points of public engagement and methods of engagement;
- Participate in public involvement activities and ensure the goals in the plan align with those of the public interest;
- Direct the activities of, and consider input from, the Technical Advisory Committee;
- Ensure that data collection and analysis is shared in an integrated database so that a standard of baseline information is available for the development of strategies;
- Ensure that sufficient consideration has been given to the social, economic and environmental impacts of the Airshed Management Plan;
- Ensure that community interests are adequately represented and considered during the development of the Airshed Management Plan;
- Identify barriers and constraints to implementing strategies; and
- Assist with the retention of a consultant and air quality expert, if deemed necessary.

The role of the Technical Advisory Committee is primarily to:

- Provide technical input throughout the entire planning process as required;
- Provide technical expertise to the Airshed Advisory Committee, when required;
- Provide technical expertise on specific topics pertaining to airshed management;
- Facilitate the coordination of provincial and local government actions;
- Contribute experiential knowledge gained through practices occurring in other municipalities and jurisdictions;
- Ensure adequate consideration has been given to a range of innovative and burgeoning technologies, and that all technical options have been fully explored;
- Ensure all possible impacts and barriers to implementation are identified and possible solutions considered;
- Review and provide input on draft documents;
- Offer expertise in shaping the direction, goals and implementation strategy of the Plan; and
- Advise on the future direction of their respective organization/ministry which may impact air quality.

#### TERM

Positions on the Airshed and Technical Advisory Committees are voluntary and there will be no remuneration from the City of Kamloops. It is anticipated that a time frame of 12 to 16 months will be required to fulfill the primary roles and responsibilities of the Airshed and Technical Advisory Committees. It is anticipated that regularly scheduled meetings will occur every one to two months throughout the duration of the process. Beyond this initial mandate, the Advisory and Technical Advisory Committees will be active for the duration of the plan, and will dissolve when the Plan is approved by Council.

#### CODE OF CONDUCT

All committee members, City staff, and delegated representatives involved in the Airshed Management Plan process will:

- Participate in good faith and represent the best interest of the community, not an individual;
- Direct Committee members to follow the proper lines of communication with media and the public;
- Although the Airshed Management Plan is a public process, respect the nature of the project and do not misrepresent the interests of the City;
- Be respectful of other committee members, City staff and community members at all times;
- Encourage participation and input from all members, provide opportunities for interests of others to be heard, and avoid dominating discussions;
- Respect the opinions of others and strive to understand various perspectives;
- Be open, honest, and helpful in the process;
- Share information and ideas;
- Provide constructive criticism and work toward resolving issues;
- Respect the decisions of the committee;
- Come to meetings prepared and avoid creating distractions;
- Inform staff in advance if unable to attend meetings; and
- Work cooperatively and have fun.

City staff (or a delegated authority) will:

- Provide logistical and procedural support for the process including the work plan, information sharing, and facilitation;
- Conduct research and provide background information and data as required;
- Function as the communication channel between the committees, the public, and City Council;
- Be responsible for setting meeting times, taking minutes and summarizing committee findings;
- Attend public meetings, open houses and other related public forums; and
- Report to Council on the progress of the Airshed Management Plan development.

### BUDGET

A budget has been allocated from the remaining Sustainable Kamloops Plan grant funds. This will cover:

- Consultant costs;
- Public consultation;
- Committee expenses; and
- Printing expenses.

The consultant will assist with:

- Public consultation strategies and facilitation;
- Public awareness around air quality information; and
- The scope of the plan.

>>>> Nancy Flood 05/01/2011 3:38 pm >>>>

Hi Peter, Tom and Tom.

Just before Christmas I met with members of a local group called Kamloops 350--the local embodiment of the "350" organization (<http://www.350.org/>), which describes its mission as follows:

"350.org is an international campaign that's building a movement to unite the world around solutions to the climate crisis--the solutions that science and justice demand. Our mission is to inspire the world to rise to the challenge of the climate crisis--to create a new sense of urgency and of possibility for our planet."

As you likely are aware, over the last couple of years, 350.org spearheaded the organization of various types of demonstrations, campaigns, events, lectures, etc to educate people about climate change, particularly the need to slow it, and how this can be achieved. In Kamloops, for example, one activity involved a letter writing campaign in support of Bill 311. In the fall of 2011, the group hopes to organize, among other things, a city-wide bicycle rally as a focus for educating people about how reducing the use of cars can have a positive influence on climate change. In addition, the group hope to partner with other agencies, groups and organizations in the city to bring in speakers relevant to the issue of climate change. They are particularly interested in having at least one high profile speaker who might attract the attention of a large number of people to the issue of climate change--or perhaps to other relevant environmental issues. The visit of such a person might then provide a springboard to other opportunities to educate the public on this issue.

This is the reason I am writing to you, in your role on TRU's EAC. Kamloops 350 is a small group, without the financial resources to bring in such a speaker. Given TRU's mission statement, and the EAC's recent activity in support of car pooling, use of public transit, etc. we wonder if the university, or perhaps the EAC specifically, would be interested in trying to attract a speaker with an environmental theme, perhaps in October, which has been the traditional focus of [www.350.org](http://www.350.org) activities. (viz. "In October of 2009 we coordinated 5200 simultaneous rallies and demonstrations in 181 countries, what CNN called the 'most widespread day of political action in the planet's history.' In October 2010 we organized a 'global work party' all over the world, with over 7000 events in 187 countries. People put up solar panels, dig community gardens--and sent a strong message to our leaders: 'If we can get to work on solutions to the climate crisis, so can you.'")

TRU has been successful in make strong connections with the community through the President's Lecture series speakers; the visits of Steven Lewis, Romeo D'Allaire and others have helped not only to publicize and provide the public with information on various social justice issues, but to cement TRU's role as a vital force in the city and region. The visit of a highly respected speaker addressing various environmental issues (e.g., David Suzuki) would do the same.

In short, I'm asking if you would consider looking for such a speaker for the President's lecture series--perhaps simply to speak, or perhaps to provide a focal point for various other groups or activities to help educate the public about global warming. As a member of the TRU community, I'm certainly willing to help in anyway I can with such an endeavour (as I'm sure are the other members of Kamloops 350).

thanks for considering this,

Nancy J. Flood, Ph.D.  
Lecturer, Dept. of Biological Sciences &  
Chair, Academic Integrity Committee  
Thompson Rivers University