

TRU Environment and Sustainability Student Survey – RESULTS (survey A and B)

Survey A) Taken at Fall New Student Orientation 2013 – September 3. **65 Respondents**

1. A). Did you know that TRU has an Office of Environment and Sustainability?

(Located, by the way, at 2691 Old Main)

Yes = 25 (38%)

No = 40 (62%)

B). Did you try to find it on the TRU website

Yes = 9 (14%)

No = 55 (85%)

C). If you did try to find it, how easy was it to find it? Please circle one answer.

Very easy=1.

Somewhat easy=3.

Easy=5.

Not easy at all=0.

I didn't find it=0

2. In your opinion, what do you believe are the top three environmental sustainability issues that the TRU Office of Environment and Sustainability should concentrate on over the next year or two? The following answers constitute **Refined Data**, whereby the original answers have been grouped into broader categories based on their over-all themes. The top three answers are below (when there is a tie, all answers are shown), and the remaining answers are shown in the chart in decreasing level of support.

- i. Recycling (better and more)= 30
- ii. Better transit/car-pool options/promote human-powered transportation options to get to campus= 14
- iii. Promoting TRU environmental issues and TRUOES more and in a more efficient manner: 12
 - Heating/Energy/Electricity efficiency= 12
 - Water conservation and accessibility= 12

<ul style="list-style-type: none"> • Composting (on campus and in residences)=10 • Alternate/sustainable energy sources (ex: solar)=7 • Pollution (air, water) =<u>7</u> • More garbage cans on campus(OM and HOL=6 • Emailing assignments instead of printing=6 • Plant more trees=5 • Ban plastic water/beverage 	<ul style="list-style-type: none"> • Smoking=3 • Unsustainable logging=3 • Promote active/holistic/nature-based lifestyle=3 • Littering=2 • Banning/less use of plastic bags=2 • Ban/Reduce disposable cups (Tim's, Starbucks)=2 • Encourage stronger/more engaged community=2 	<ul style="list-style-type: none"> • Idling (too much)=1 • Clean smoking area=1 • Sustainable buildings=1 • Sustainably sourced materials/procurement policy=1 • Sustainability of oil sands=1 • Mining=1 • Sustainable course material=1 • Encourage use of more
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<ul style="list-style-type: none"> bottles=5 • Environmental issues in education (early, elementary and education in general) =5 • Lower carbon footprint as a whole (lower CO2 emissions)=4 	<ul style="list-style-type: none"> • Paper towel=1 • Bottle Drives=1 • Fertile soil=1 • Clean washrooms=1 • Promoting Green Party=1 • Parking=1 	<ul style="list-style-type: none"> used text books=1 • More volunteering opportunities to save environment (ex, plant trees)=1 • Conservation=1
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Raw Data

<ul style="list-style-type: none"> • Light energy=3 • Ban/Reduce disposable cups (Tim's, Starbucks)=2 • Composting=8 • Composting in residence=2 • Paper towel=1 • Recycling (better and more)=30 • Bottle Drives=1 • Paper conservation=3 • Emailing assignments instead of printing=3 • Alternate/sustainable energy sources (ex: solar, saving energy)=8 • Lower carbon footprint as a whole (lower CO2 emissions)=3 • Involving everyone; getting together to make an impact=1 • Environmental issues in early and elementary education=2 • Host on workshops (like an environmental day on campus)=1 • Promoting Green Party=1 • Parking=1 	<ul style="list-style-type: none"> • Water conservation and accessibility=12 • Making environment issues more known (like TRU's environmental impact) =3 • Door to door campaign to promote environmental issues=1 • Sustainably sourced materials/procurement policy=1 • Sustainability of oil sands=1 • Emissions=1 • Unsustainable logging=3 • Higher profile of/more communication about TRUOES=2 • Sustainable buildings=1 • Ban plastic water/beverage bottles=5 • Littering=2 • Idling (too much)=1 • Sustainability education=3 • Bicycling/walking/human-powered transportation promotion=4 • Smoking=3 • Sustainable course material=1 	<ul style="list-style-type: none"> • Conservation=1 • Heating/Energy efficiency=5 • Better transit options to get to campus=8 • Plant more trees=5 • Clean smoking area=1 • Pollution=3 • Water pollution=1 • Air pollution=3 • Mining=1 • Banning/less use of plastic bags=2 • More garbage cans on campus(OM and HOL)=6 • More volunteering opportunities to save environment (ex, plant trees)=1 • Fertile soil=1 • Encourage people to not hurt environment=1 • Clean washrooms=1 • Encourage stronger/more engaged community=2 • Promote active/holistic lifestyle=2 • Encourage use of more used text books=1 • Promote car-pooling=1 • Connecting students to nature=1
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3. What are the top three methods for communicating with you about environmental sustainability issues at TRU? (check three boxes):

- 1) Facebook=49 (75%)
- 2) Link on TRU mainpage=29 (45%)
- 3) Personal email=28 (43%)
 - Posters/Handbills around campus=18 (28%)
 - Teacher announcements at the beginning of class=18 (28%)
 - MyTRU notices=17 (26%)
 - TRU's Omega Newspaper=15
 - Twitter=14
 - In person with a booth/table at various TRU events=14
 - Moodle=9
 - Link on TRU Office of Environment and Sustainability mainpage=7
 - Blog from TRU Office of Environment and Sustainability=7

Survey analyzed by James Gordon Sept 4, 2013

TRU Environment and Sustainability Student Survey - RESULTS

Survey B) Taken at Fall Orientation 2013 (for new and returning students – September 6.

66 Respondents

1. A). Did you know that TRU has an Office of Environment and Sustainability?

(Located, by the way, in its new office at 2671 Old Main)

Yes = 15 (23%)

No = 51 (77%)

B). Did you try to find it on the TRU website

Yes = 10 (15%)

No = 56 (85%)

C). If you did try to find it, how easy was it to find it? Please circle one answer.

Very easy=1.

Somewhat easy=3.

Easy=5.

Not easy at all=0.

I didn't find it=0

2. In your opinion, what do you believe are the top three environmental sustainability issues that the TRU Office of Environment and Sustainability should concentrate on over the next year or two? The following answers constitute **Refined Data**, whereby the original answers have been grouped into broader categories based on their over-all themes. The top three answers are below (when there is a tie, all answers are shown), and the remaining answers are shown in the chart in decreasing level of support.

- i. **Transportation (17):** Including alternative sources of transportation, better accessibility to busses, issues surrounding parking, the amount of CO₂ emissions produced by students/staff who drive.
- ii. **Pollution (15):** Pollution is an accumulation of water and air, and was a general topic chosen by students. **Waste (15):** Waste included general waste, littering, and energy waste. Responses indicate students are looking for waste collection to be more concentrated in higher traffic areas on campus with an updated guideline on what is acceptable in each of the bins.
- iii. **Water Conservation (14)**

<ul style="list-style-type: none"> • Recycling = 13 • Environmental issues in education (early, elementary and education in general) = 13 • Plastic Bags/Bottles and Disposable Cups= 12 • Natural Resource Issues = 	<ul style="list-style-type: none"> • Smoking= 3 • Lower carbon footprint as a whole (lower CO₂ emissions)= 3 • Sustainably sourced materials/Sustainable Buildings = 2 • More volunteering 	<ul style="list-style-type: none"> • Sustainable buildings= • Sustainability of oil sands= • Sustainable course material= • Encourage use of more used text books= • Encourage stronger/more
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<p>7</p> <ul style="list-style-type: none"> • More efficient sources of energy = 6 • Protection of the natural environment (parks, greenspaces, flora, fauna) = 6 • Paper conservation = 6 • Composting (on campus and in residences)=4 	<p>opportunities to save environment (ex, plant trees)= 2</p> <ul style="list-style-type: none"> • Promote active/holistic/nature-based lifestyle= 1 • More garbage cans on campus(OM and HOL= • Emailing assignments instead of printing= 	<p>engaged community=</p> <ul style="list-style-type: none"> • Paper towel= • Bottle Drives= • Fertile soil= • Clean washrooms= • Promoting Green Party= • Ban plastic water/beverage bottles=
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Raw Data

<ul style="list-style-type: none"> • Air pollution= 6 • Alternate/sustainable energy sources (ex: solar, saving energy)=1 • AJAX = 1 • Banning/less use of plastic bags=3 • Ban plastic water/beverage bottles= 6 • Ban/Reduce disposable cups (Tim's, Starbucks)=1 • Better transit options to get to campus= • Better labeling = 1 • Bicycling/walking/human-powered transportation promotion= 2 • Book Costs = 1 • Boating Safety = 1 • Bottle Drives= • Clean smoking area= 1 • Clean washrooms= • Composting= 4 • Composting in residence= • Connecting students to nature=Paper towel= • Cleanliness = 1 • Door to door campaign to promote environmental 	<ul style="list-style-type: none"> • Encourage use of more used text books= • Encourage people to not hurt environment=1 • Encourage stronger/more engaged community= • Fees = 2 • Fertile soil= • Food = 2 • Forests = 1 • Fumigation = 1 • Gas = 1 • Heating/Energy efficiency= 3 • Host on workshops (like an environmental day on campus)= 1 • Higher profile of/more communication about TRUOES= 1 • Idling (too much)= • Incentive Programs =1 • Involving everyone; getting together to make an impact= 2 • Light energy= 2 • Littering=2 • Lower carbon footprint as a whole (lower CO2 	<ul style="list-style-type: none"> • Posting mainpage TRU = 1 • Promoting Green Party= • Parking =3 • Plant more trees= 1 • Pollution=2 • Paper conservation=3 • Paper waste=3 • Parks/Green Space =2 • Promote active/holistic lifestyle=1 • Promote car-pooling=6 • Plastic Use = 2 • Recycling (better and more)= 11 • Recycling in high traffic areas = 2 • Recycling Awareness = 2 • Smoking= 2 • Solar Energy = 2 • Sustainable buildings= • Sustainability education= • Sustainably sourced materials/procurement policy=1 • Sustainability of oil sands= • Sustainable building material= 1
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<p>issues=</p> <ul style="list-style-type: none"> • Deforestation = 1 • Driving = 1 • Electric Power Waste =4 • Emailing assignments instead of printing= • Energy (efficiency)=2 • Environmental issues in early and elementary education= • Fukushima Nuclear Accident = 1 	<p>emissions)=3</p> <ul style="list-style-type: none"> • Making environment issues more known (like TRU's environmental impact) = 8 • Mining= • More garbage cans on campus(OM and HOL) = 1 • More volunteering opportunities to save environment (ex, plant trees)=2 • Oil Spills = 1 	<ul style="list-style-type: none"> • Sustaining Native Populations = 4 • Transit = 3 • Transportation =2 • Unsustainable logging=1 • Water conservation and accessibility=2 • Waste = 6 • Water pollution=7 • Water Refill Stations = 2 • Water Usage = 3 • Wildlife protection = 1
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3. What are the top three methods for communicating with you about environmental sustainability issues at TRU? (check three boxes):

1) Facebook=48 (73%)

2) Link on TRU mainpage=28 (42%)

3) Personal email=24 (36%)

- Moodle=23 (35%)
- Posters/Handbills around campus=21 (32%)
- MyTRU notices=16 (24%)
- TRU's Omega Newspaper=15 (23%)
- In person with a booth/table at various TRU events=14 (21%)
- Twitter=11 (17%)
- Instagram=10
- Link on TRU Office of Environment and Sustainability mainpage=9
- Teacher announcements at the beginning of class=7
- Pinterest=3
- Blog from TRU Office of Environment and Sustainability=2
- Four Square=2
- Vine=1

TRU Environment and Sustainability Student Survey – January 10, 2014 – 66 responses

1A. Did you know that TRU has an Office of Environment and Sustainability?

Response	Number of Students	Percentage (%)
Yes	33	50
No	33	50

1B Did you Try to find it on the TRU website?

Response	Number of Students	Percentage (%)
Yes	12	18
No	54	82

1C. If you did try to find it, how easy was it to find?

Response	Number of Student Responses	Percentage (%)
Very Easy	4	6
Somewhat easy	8	12
Easy	8	12
Not easy at all	2	3
I didn't find it	15	22

2. In your opinion, what do you believe are the top three environmental sustainability issues that the TRU Office of Environment and Sustainability should concentrate on over the next year or two? The following answers constitute **Refined Data**, whereby the original answers have been grouped into broader categories based on their over-all themes. The top three answers are below (when there is a tie, all answers are shown), and the remaining answers are shown in the chart in decreasing level of support.

Top Responses:

1. **Recycling = 24** – Students feel that recycling bins and recycling centers are not in high traffic areas, they also feel that classrooms should all have some form of recycling bin instead of them throwing out papers for classes. Another issue that was brought up was recycling should be offered both indoors and outdoors (it was pointed out other universities are utilizing this method to reduce their waste flow).

2. **Promotion of green, natural spaces = 19** – Many students think TRU has several nice places to study, however, when you look at some of these areas behind campus they could be better utilized as parks or a recreational area. Other factors brought up were the concept of having a community garden, promoting local and sustainable foods on campus, using live plants in buildings compared to the ‘plastic’ plants found in some buildings (the living wall in HOL is well perceived), while other students feel that the

buildings can be too noisy when generators kick in. Some students strongly felt the university should be planting native species (solely) and promoting the natural landscape Kamloops has to offer and reduce the number of invasive species.

3. Energy efficient technology = 15 – Students are showing an interest in having more energy efficient technology on campus that can reduce the amount wasted. Some ideas discussed included energy efficient hand dryers to reduce paper waste, or incorporating LEED standards into buildings, some believed that the variation in temperatures between buildings could be resolved with better, efficient technology.

Environmental Education = 15 – Environmental awareness and education remains a challenge for students. New students (many international) are not aware of what is recyclable or compostable, or just aware of some of the environmental issues that are being tackled in Kamloops or TRU. This was a common theme for students who are not international students.

- Promoting sustainable food and local organizations on campus including composting = 12
- Paper consumption (including towels and pulp paper) = 12
- Waste (in general, including locations of bins, number of bins, and management) = 11
- Natural Resource Issues = 10
- Reduction in reliance on plastic and non recyclable materials = 9
- Transportation = 8
- Water usage and management (including washroom facilities and consumption) = 8
- Alternative methods to fossil fuels = 4

2. Raw Data:

- AJAX = 2
- Air conditioning = 1
- Automatic lighting = 1
- Bottle Management = 1
- Better discount for bringing your own mugs = 1
- Biodegradable coffee mugs/cups = 2
- Better bus schedules to reduce people driving = 1
- Better accessibility to buildings on weekends = 1
- Better knowledge of our products = 1
- Better alternative methods of transportation to/from TRU = 2
- Composting = 5
- Community involvement = 1
- Carpooling = 3
- CO₂ Emission Reductions = 1
- Description on what is recyclable = 1
- Energy efficient buildings = 2

- Environmental Awareness = 3
- Environmental Education (general) = 3
- Electricity = 3
- Environmental noise = 1
- Energy efficient light bulbs = 1
- Energy efficient technology = 4
- Fossil fuel divestment = 1
- Finite resources = 2
- Fossil Fuels = 1
- Fisheries management = 1
- Green Spaces/Parks = 4
- Garden = 2
- Hand dryers in washrooms = 1
- Heating = 1
- Habitat destruction = 1
- Human health in the environment = 2
- Improved air quality = 1
- Indoor gardens/plants (live) = 1
- Local Foods at TRU = 1
- Parking = 1

- Paper towel waste = 2
- Recycling bins in classrooms = 1
- Reduce the amount of paper being used for lectures = 5
- Recycling (more/better) = 17
- Reduced plastic cups/bottles/bags = 4
- Recycling Outside = 1
- Smoking =5
- Sustainable food = 3
- Student bursaries/incentives = 2
- Solar panels = 1
- Use of organic bags = 2
- Water free urinals = 1
- Water consumption = 2
- Wind Power =1
- Water management = 1
- Water = 3
- Waste management (better/efficient) = 2
- Water Usage (efficient/better)= 1
- 3D printing = 1
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- Less electricity use = 1
- Littering = 3
- More Garbage bins around TRU = 2
- More recycling bins in common areas of TRU = 2
- More recycling bins around TRU = 2
- Mines =1
- More bike racks/carpooling spots = 1
- More focus on Environment and Sustainability = 1
- More natural lighting = 1
- More efficient Printers = 1
- Management of invasive species = 2
- OWL Road dump = 1
- Pollution (air/water/etc.) = 2
- Paper waste = 3
- Paper recycling=2
- Promoting respect for the environment = 1

3. What are the top three methods for communicating with you about your environmental sustainability issues at TRU?

Response	Number of Student Responses	Percentage (%)
Facebook	45	68
Link on TRU main page	26	39
Personal Email	24	36
In person with a booth/table at various TRU events	20	30
Teacher announcements at the beginning of class	15	23
MyTRU	14	21
Posters/Handbills around campus	13	20
Moodle	13	20
Twitter	8	12
TRU's Omega Newspaper	6	9
Blog from TRU Office of Environment and Sustainability	4	6
Link on TRU Office of Environment and Sustainability main page	3	4.5