

FALL EDITION

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# The **Vegetation Manager** magazine

## IPM BASICS

WHY VEGETATION MANAGEMENT NEEDS

A NEW APPROACH TO INTEGRATED PEST  
MANAGEMENT PLANS.

## UAS FOR UVM

VEGETATION MONITORING WITH UNMANNED

AERIAL VEHICLES

## PVMA SPRING CONFERENCE

# 2017



## The Vegetation Manager

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Professional Vegetation Management Association (PVMA)  
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# SPRING 2015

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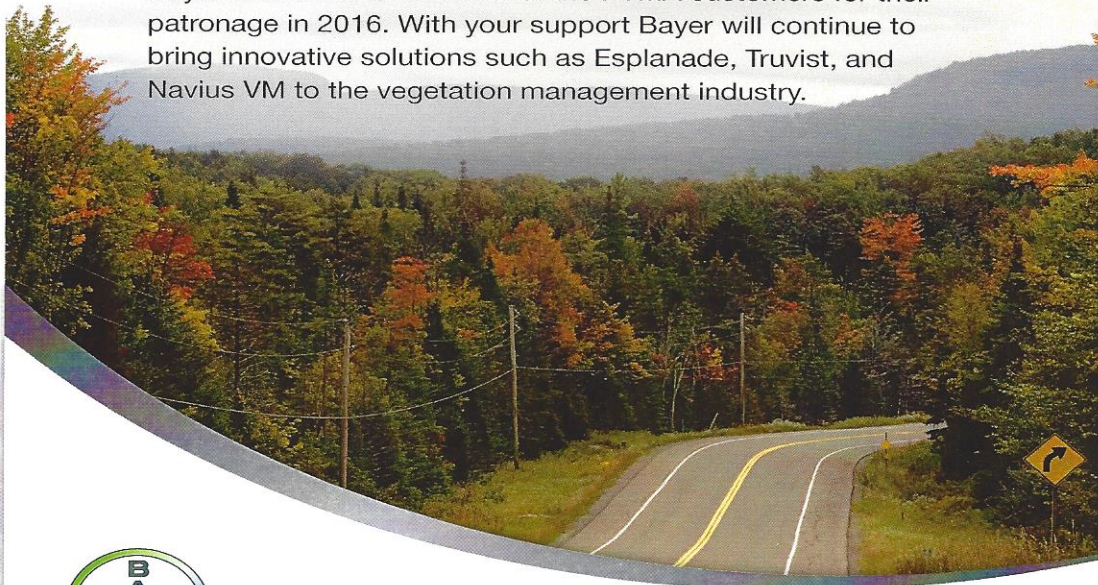
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# IPM BASICS

A TOOL THAT IS COMMONLY DISCUSSED AND SELDOMLY USED TO ITS FULLEST EXTENT IS AN OPPORTUNITY FOR THOSE WILLING TO TAKE THE ROAD LESS TRAVELLED. THIS ARTICLE EXPLORES **3 KEY FACTORS** THAT NEED MORE ATTENTION IN INTEGRATED PEST MANAGEMENT EXECUTION.

# 2016

When it comes designing and implementing large scale projects we are often confronted with the task of managing constraints, multiple party interests, and often times resistance to change. This is common territory for Vegetation Managers these days as we juggle the interests of development, landowners, and media.

One item that exists in our toolkit is the Integrated Pest Management Plan (IPM). A tool that is often mentioned but at times underutilized in setting

project directives. Too often has the discussion around vegetation management relied on single point initiation. The goal here is achieving a systematic approach that uses the IPM as a directive rather than a resource.

Every day you might here your budget being scrutinized on a micro level without anyone even mentioning the "plan". We as Vegetation Managers need to focus on using this tool for its true purpose, and we need to start with three key changes.

1. Budget from the macro plan. What percentages are going into chemical, mechanical, and don't forget the landscape portion. A successful plan will use competing vegetation as a part of reducing the dependency on chemical treatments and implementing a working ecosystem. Too often are budgets falling short before this point is reached. And its costing in the long run.

Turning a grass only greenspace into a community tree nursery or garden is an effective way to get community involvement and reduce costs.



## <<COMPONENTS OF AN IPM TOOLKIT>>

ENSURING BUDGETS ARE DEFINED TO PROJECT DELIVERABLES CAN INCREASE THE EFFECTIVENESS OF A PEST MANAGEMENT PLAN.



2. Use thresholds as action items. A well developed systems approach will utilize target thresholds as a point of reference in decision making. What percentage or complaint categorization needs to be achieved prior to action.

3. Monitor your pests. The advantages to a good monitoring program speak for themselves.

Programs such as ArcGIS open doors to data collection and analysis that can turn heads and keep parties engaged. Don't undervalue data collec-

tion as both a secondary income stream for contractors, and as a cost control threshold for decision makers.

**IF YOU DON'T DESIGN YOUR OWN PLAN, CHANCES ARE YOU'LL FALL INTO SOMEONE ELSE'S PLAN. AND GUESS WHAT THEY HAVE PLANNED FOR YOU?**

NOT MUCH.

JIM ROHN



# NEIL THIESSEN

# BUSINESS INSIGHT

## EXECUTIVE DIRECTOR, PVMA

It cost money to attend, or send someone to attend conferences and seminars. Many struggle with the value proposition about sending people to industry related conferences. I would like to take a few minutes of your time to suggest that individuals and companies that overly restrict attendance to these events may be losing out on the beneficial effects of attendance.

There has been and continues to be, a trend of industry associations to recognize the need and value of the education component of all industry events. This is particularly notable in international or-

ganizations such as the ISA and UAA. Beyond the benefit of simply accruing CEUs and CECs for the sake of retaining industry credentials, employees and business leaders that attend these learn from each other through the tremendous opportunity provided to build a network.

Many of us have had the opportunity to build a lifetime of networking, have also made lifelong friendships. These individuals who share a common interest within the industry, have become invaluable sources of information that have helped us all advance the technology and business we are employed in.

Once you have built up your required CEUs and CECs it should not be over. Learning is never done! I can only speak for myself, that my network, learning opportunities and business development was a direct result of attending industry conferences and seminars. Further, participating on committees and on the executives of many organizations has created a lifetime of friendship and industry support.





If you are an owner of the business, invest in one extra person to attend the next conference. This certainly benefits your business and the employee and does show your concern for employee development. If you are an employee that may not be included to attend normally, make a case to your employer about your desire to learn and network and how attendance can be directly beneficial to your job. Don't wait for the world to happen to you. Enhance your career and make good things happen. Upgrading, learning and networking are all good things.

See you at the next industry conference.



## &lt;&lt;UAS IN ACTION&gt;&gt;

SETTING UP AN UNMANNED AERIAL VEHICLE (UAV) OR  
UNMANNED AERIAL SYSTEM (UAS) FOR OBSERVATIONS  
ALONG UTILITY ROW.



## APPLICATION OF

BY JIM DOWNIE, ECI CONSULTING AND CHRIS VALLIER, FLÖT SYSTEMS

Although there have been many technological advancements in the utility vegetation management (UVM) industry over the years, many would agree that success is dependent on maintaining focus on a handful of key concepts and competencies. This list would include ensuring that executive leadership understands the value and contributions from

a proactive vegetation management program, educating customers and the general public regarding options to best ensure the coexistence of overhead power lines and trees, adequate and stable funding to support a highly engaged, safe, productive workforce, etc.

There are a wide variety of stakeholders that seek to be

included in the “what to do” discussion including executives, regulators, tree-owners, municipalities, engineers, line workers, rights-of-way managers, operators and last, but not least, utility arborists. To the extent we can provide more logical, intelligent, near real-time information to these stakeholders the easier our ability to execute on key goals and objectives.





## <<ADOPTING NEW PARADIGMS>>

AS WITH MOST TECHNOLOGY, THE KEY TO EFFECTIVE UTILIZATION OF UAS IS TO FIRST BE ABLE TO IDENTIFY AREAS OF OPPORTUNITY. THE GREATEST CHALLENGE FOR DECISION MAKERS TENDS TO BE HAVING A WILLINGNESS TO THINK DIFFERENTLY ABOUT HOW WE PERFORM OUR EVERYDAY TASKS.

# UAS FOR UVM

## Remote Sensing Technology and UAS

In the last decade we've realized great benefits from the utilization of remote sensing technology in our industry, primarily in transmission vegetation management. The effective utilization of LIDAR, high-resolution imagery and other sensors have made us

aware of imminent clearance threats from vegetation and given us another tool with which to perform tree risk assessments. It has also helped to optimize the identification of workload for routine maintenance purposes and even better protect infrastructure in the event of a wildfire.



To a large extent this data has thus far been gathered by helicopter platforms and more recently fixed-wing aircraft. Can a case be made for the utilization of unmanned aerial vehicles (UAV) or unmanned aerial systems (UAS) in our industry as well? For the purposes of this discussion we will focus on UAS, which is the UAV integrated with one or more sensors (e.g., LiDAR, cameras, etc.). In addition, we will focus on beyond-visual-line-of-sight (BVLOS) capable UAS that have the ability to fly a multi-sensor payload long distances for extended periods of time. (caption suggestion: Ground control crew monitors UAS as it makes its way to the transmission facilities to be inspected.)

Perhaps one of the most obvious advantages of UAS is keeping all human beings involved in operations safely on the ground. Many of us are painfully familiar with the risks and sometimes tragic consequences associated with flying helicopters low and slow to perform infrastructure and vegetation inspections. The utilization of UAS provides the capability to perform these types of inspections not only more safely, but with better results as they can fly closer to a target with greater stability than most manned aircraft. When the inevitable uncontrolled "landing" of an UAS does occur, the consequences will be relatively minimal. (caption suggestion: Ground crew prepares and tests camera functionality prior to flight.) The inspection of electric utility infrastructure also provides a unique literal flight pathway for the utilization of UAS. Aeronautically speaking, all overhead utility rights-of-way are typically a "no-fly" zone for larger commercial aircraft. This provides unique conflict-free airspace in which UAS can safely perform operations, a

large portion of which is in less densely populated areas.

## In the Distribution Arena

Greater utilization of remote sensing equipment for electric distribution infrastructure through the utilization of UAS is also an intriguing concept. Although use of fixed-wing aircraft has recently enabled great advancements in the utilization of LiDAR and imagery in this arena, we see an application for UAS as well. Some challenges can only be addressed with a more close-up view of facilities and vegetation, which provides some interesting middle-ground for UAS between the field observer and higher altitude surveillance, particularly in more remote areas.

Of course none of this becomes a reality in a commercial sense without being able to fly BVLOS in the United States, which has caused many to dismiss the near-term reality of the use of this technology. However, some significant strides are being made at utilities in different parts of the country to demonstrate the safe utilization of UAS to the benefit of society, which is the key focus of the Federal Aviation Administration



The FAA. Being conservative by nature, the implementation of UAS in a crawl, walk, run approach fits well into the business philosophy of the electric utility industry in North America. In fact, on February 2, 2016 the first utility-related research and development BVLOS mission was performed for Xcel Energy near Amarillo, Texas by Environmental Consultants Inc. and FL T Systems.

### **Paradigm Pioneers and Technological Disruption**

As with most technology, the key to effective utilization of UAS is to first be able to identify areas of opportunity. The greatest challenge for decision makers tends to be having a willingness to think differently about how we perform our everyday tasks; being willing to listen to the “paradigm pioneers” who typically come in the form of people new to our industry. We have found that some of the most productive outcomes happen when we get a group to brainstorm about problems, challenges, and opportunities, and really focus on those issues that have been either consciously or sub-consciously considered unsolvable from a practice perspective. We can then talk about what kinds of sensors might be utilized to address these issues and lastly what type of aerial platform is best suited to collect the needed information.

In the case of UAS, the ability to inspect facility and rights-of-way conditions more frequently (especially for conditions as dynamic as vegetation), at a potentially lower cost and with less risk to human safety, can be the game changer.

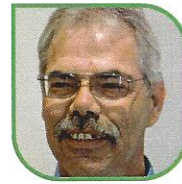
Often the word “disruptive” is used in the UAS narrative, which may have a negative connotation for some. However, looking back across the last 100+ years of UVM, we see a long list of technological disruptions that proved to be very positive. Examples include the invention of the brush chipper, the hydraulic lift, herbicide technologies, work management systems utilizing GPS, etc. We believe UAS will be yet another positive disruption for our industry that will better enable us to support the key components and competencies of UVM, which will improve our credibility with all stakeholders.



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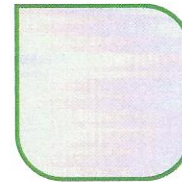
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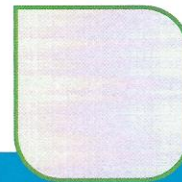
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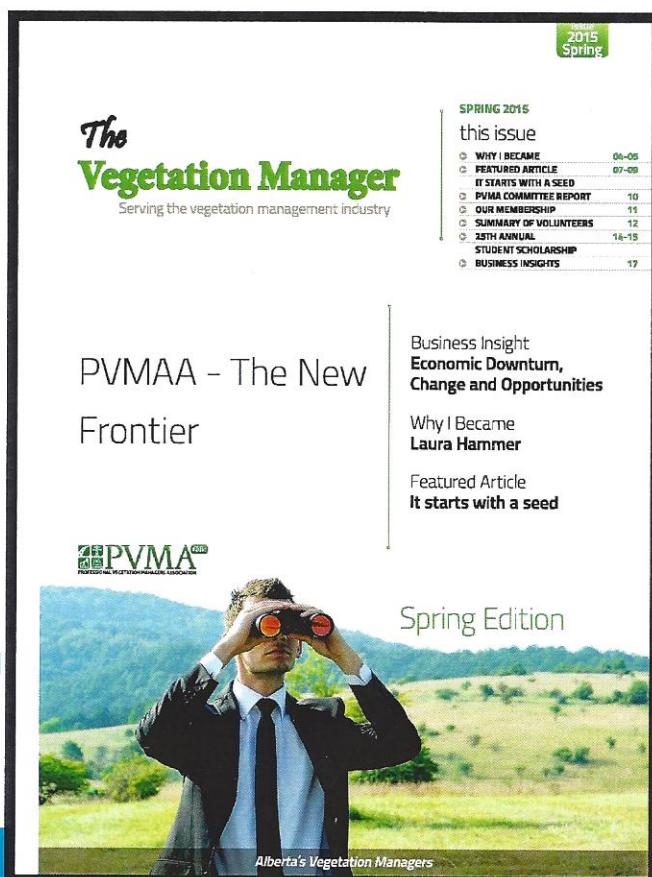
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THE PROFESSIONAL VEGETATION MANAGEMENT ASSOCIATION (PVMA), FORMERLY THE INDUSTRIAL VEGETATION MANAGEMENT ASSOCIATION OF ALBERTA (IVMAA), WAS OFFICIALLY FORMED IN RESPONSE TO RAPIDLY INCREASING PUBLIC CONCERN OVER ENVIRONMENTAL ISSUES AND A FAST GROWING NUMBER OF STAKEHOLDERS IN THE INDUSTRY. ORIGINALLY FORMED IN 1978 TO PROVIDE A COLLECTIVE METHOD OF PROBLEM SOLVING, THE IVMAA, HAS SINCE EVOLVED INTO THE PVMA TO TAKE A MORE PROACTIVE APPROACH TO CONSTANTLY EMERGING VEGETATION MANAGEMENT ISSUES. AS WELL, OUR AIM IS TO BROADEN THE MEMBERSHIP BASE TO BETTER SERVE THE INFRASTRUCTURE OWNERS WHO WORK WITH OUR ASSOCIATES TOWARD BEST VEGETATION MANAGEMENT PRACTICES.

WE ARE LOOKING TO REACH OUT TO KEY INDUSTRY PLAYERS TO SUPPORT AND ADVERTISE IN THE PVMA VEGETATION MANAGER. A VALUABLE OPPORTUNITY TO PUT YOUR PRODUCT, BRAND, AND CLAIMS IN THE HANDS OF VEGETATION MANAGERS ACROSS WESTERN CANADA.

OUR VALUE PROPOSITION - WE STRIVE TO ACT AS THE INTERMEDIARY BETWEEN VEGETATION MANAGERS AND INDUSTRY KNOWLEDGE. ACTING AS A SOURCE AND INFLUENCE ON INDUSTRY THE VEGETATION MANAGER MAGAZINE CONNECTS YOU TO YOUR CUSTOMERS. ITS NOT ALWAYS EASY TO COMMUNICATE TO HUNDREDS OF DECISION MAKERS ABOUT YOUR PRODUCTS BEYOND THE TRADITIONAL SALES MEETING. THE VEGETATION MANAGER IS A GREAT CHANNEL TO DIRECTLY TARGET THOSE PEOPLE AND SHOW YOUR SUPPORT AND INVOLVEMENT IN INDUSTRY.

OUR PRICE STRUCTURE - THE VEGETATION MANAGER TARGETS AUDIENCES TWICE A YEAR WITH PRINT DISTRIBUTION ON EACH TABLE AT CONFERENCE, TRADE SHOW, AND AGM. IT IS ALSO AVAILABLE ONLINE FOR VIEWING. FULL PAGE ADS ARE \$1,600/ISSUE AND HALF PAGE FOR \$800. PRINT DISTRIBUTION RANGES FROM 200 - 400 ISSUES PER YEAR.

CONTACT NEIL@PVMA.CA TO SETUP AN ADVERTISING CAMPAIGN WITH THE VEGETATION MANAGER.



# 2017 PVMA Spring Conference

February 28-March 2, 2017

Edmonton Marriott at River Cree Resort

300 East Lapotac Blvd, Enoch, AB T7X 3Y3



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## SPONSORSHIP AND TRADESHOW PACKAGE

KNOWING GREEN. IT'S IN OUR NATURE



Please find below the schedule of events for the PVMA Spring Conference Tradeshow. The PVMA requests that exhibitors have their respective tradeshow booths setup prior to 1:30 P.M. on Tuesday February 28th to ensure all exhibitors are ready and available for the 2:30 P.M. coffee break . Please ensure that your company logo is sent to the PVMA Sponsorship Committee for our rolling slide show and agenda packages. The deadline for logo and profile submissions is January 27, 2017.

<b>Tuesday February 28, 2017</b>	
8:30 A.M. - 1:30 P.M.	Exhibitor Move in and Booth Setup
11:00 A.M. - 1:00 P.M.	Conference Registration
1:00 P.M. - 2:30 P.M.	Conference Welcome and Educational Sessions
2:30 P.M. - 3:00 P.M.	Coffee Break with Exhibitors
3:00 P.M. - 5:00 P.M.	Educational Sessions
5:00 P.M. - 6:00 P.M.	Cash Bar with Exhibitors
6:00 P.M. - 9:00 P.M.	Meet and Greet with Exhibitors
<b>Wednesday March 1, 2017</b>	
6:45 A.M. - 8:00 A.M.	Breakfast
8:00 A.M. - 10:00 A.M.	Educational Sessions
10:00 A.M. - 10:30 A.M.	Coffee Break with Exhibitors
10:30 A.M. - 11:30 A.M.	Educational Sessions
11:30 A.M. - 12:30 P.M.	Lunch
12:30 PM - 2:30 P.M.	Educational Sessions
2:30 P.M. - 3:00 P.M.	Coffee Break with Exhibitors
3:00 P.M. - 5:00 P.M.	Educational Sessions
5:00 P.M. - 6:00 P.M.	Cash Bar with Exhibitors
6:00 P.M. - 8:00 P.M.	Banquet
8:00 P.M. - 10:00 P.M.	Cash Bar and Silent Auction with Exhibitors
<b>Thursday March 2, 2017</b>	
6:45 A.M. - 8:00 A.M.	Breakfast
8:00 A.M. - 10:00 A.M.	Educational Sessions
10:00 A.M.- 10:30 A.M.	Coffee Break with Exhibitors
10:30 A.M. - 4:00 P.M	Tradeshow Exhibitor Teardown



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## 2017 PVMA Spring Conference

### TRADESHOW OPPORTUNITIES

#### TRADESHOW/ BOOTH RENTAL INFORMATION:

Each 10X10 foot Booth includes 8 foot clothed table, 3 ft side walls, 8 ft back wall draped, and two chairs. Exhibitors are requested to attend their booths during all event breaks throughout the day and evening as listed below:

- February 28<sup>th</sup>: Setup: 9:00am to 4:00pm ready for Meet & Greet from 6:00pm to 9:00pm
- March 1<sup>st</sup>: Daily events include coffee breaks, lunches and the evening silent auction following the Banquet.
- March 2<sup>nd</sup>: Morning coffee break and lunch, teardown from 1:00pm – 5:00pm

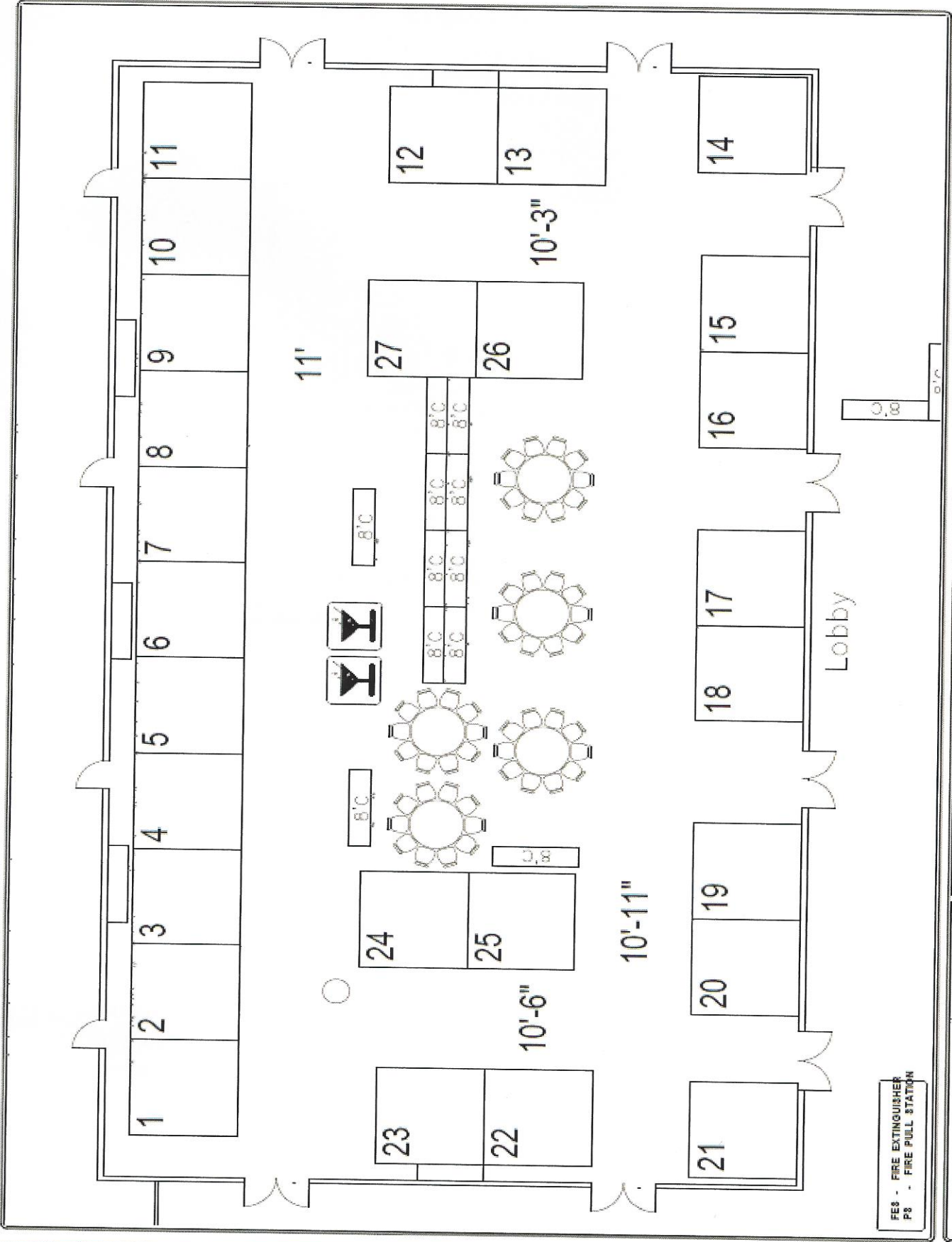
Please refer to the # Booth sheet for your selection(s). Booths are rented on a first come first serve basis. Not for Profit booth allocation will be at the discretion of the Tradeshow Committee.

#### Silent Auction:

The 2017 PVMA Spring Conference will once again feature a silent auction. Sponsors and Tradeshow exhibitors are welcome to donate items for the auction if they wish to do so. Please contact the Tradeshow and Sponsorship Committee or, indicate so on the attached Tradeshow and Sponsorship form. Silent auction items may be dropped off at the conference registration desk with an attached business card. Thank you in advance for your kind support and participation in the PVMA Spring Conference. Please do not hesitate to contact one our Committee Contacts if you have any further questions.

Tradeshow Pricing	
Available Exhibitor Options:	Pricing:
Single 10x10 Booth:	\$650
Double 10x20 Booth:	\$1,000
Meal Package without Banquet:	\$210
Meal Package with Banquet:	\$275
Educational Booth:	\$300
Not for Profit Booth:	\$275
Additional Banquet Ticket:	\$65
*Not for profit organizations are only subject to meal costs	
*All prices are subject to GST	





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F8 - FIRE PULL STATION

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PVMA Tradeshow Layout  
February 28th-March 2nd, 2017

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## INCIDENTS THAT DRIVE NEW REGULATIONS

# CAN SOMETIME LEAD TO POSITIVE OUTCOMES

**Derek Vannice, President and COO, CN Utility Consulting**

It has now been over 13 years since the infamous blackout that impacted the east coast of the United States and part of Canada. Many of the people in our company and for that matter, our industry, were not even in high school at the time. When we bring it up to them we get blank stares. In some ways, the results of the blackout are, to this day, providing professional opportunities for these new utility vegetation managers.

The end result of the blackout was increased regulation and inspection of our transmission rights-of-way. When you look at the data, this increased regulation has proven to be very successful. The number of outages caused by trees growing into transmission lines above 200KV is almost zero over the last three years. Utilities have been able to maintain their funding and conduct annual inspections. These inspections have also drastically reduced the number of outages caused by

trees falling into lines that are even off of the right-of-way.

There have been some negative consequences. Utilities in their desire to reclaim the right-of-way may have not always used IVM best management practices. I participate in a special vegetation management conference with the Federal Energy Regulatory Commission (FERC). The conference was convened by FERC to address complaints that they received from environmental groups and



landowners who had been told by the utility that the reason for the removal of vegetation was due to the new FERC requirement. When, in reality, maintaining the right-of-way using best management practices should have been done from the establishment of that right-of-way.

One of the very positive outcomes of that meeting, was the development of a new accreditation that recognized utilities for utilizing IVM best management practices. I have had the privilege of being a part of the ROW Stewardship Council from the beginning. This accreditation program provides standards of excellence for environmental stewardship along rights-of way (ROW) and gives utility companies the opportunity to demonstrate their commitment to these standards with public accreditation. A team of experts who specialize in IVM accreditation provide an extensive onsite assessment of prospective utility companies who meet or exceed these standards.

The accreditation program's core principles emphasize proactive management and biological control methods that reduce undesirable vegetation, which lead to a reduction in treatment efforts and cost savings. In addition, they institutionalize sustainable management by the promotion of documentation of key elements of vegetation management systems, a practice consistent with internationally recognized Environmental Management Systems (ISO 14001). The accreditation program results in positive relations with stakeholders by engaging them throughout the IVM process, which leads to a better understanding of impacts and increased confidence and trust by stakeholders. It has been shown that compa-

nies that proactively use these principles on a voluntary basis are likely to be better prepared to address and meet any possible future regulations.

We were very pleased to approve AltaLink as an Accredited ROW Steward Utility in 2016. We now have six major utilities that have achieved this credential. It is these types of programs that will continue to improve our industry and our profession.

One of the key criteria in the accreditation is the appropriate training and use of professional vegetation managers. Most of the training in our industry has been on the job. There are very few universities and technical colleges that have a curriculum in utility vegetation management. We now have a few certification credentials that demonstrate the knowledge but how do people new to our industry get the basic knowledge in the first place?

## BLACKOUT BY THE NUMBERS

100 NUMBER OF POWER PLANTS  
KNOCKED OFFLINE.

50 MILLION OF PEOPLE LEFT IN THE  
DARK ACROSS ONTARIO, PARTS OF  
QUEBEC AND EIGHT U.S. STATES.

18.9: MILLIONS OF HOURS OF WORK  
LOST BECAUSE OF THE BLACKOUT,  
ACCORDING TO STATISTICS CANADA.

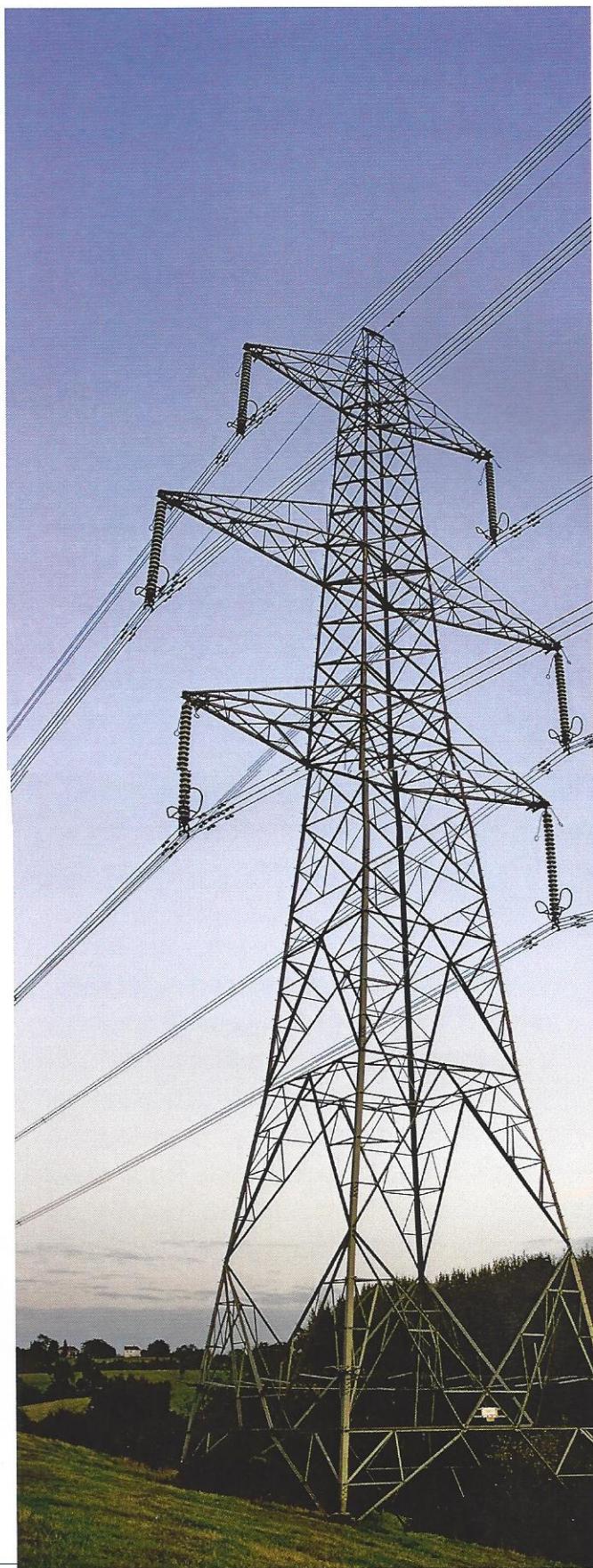
ARTICLE CONTINUED ON NEXT PAGE..



In my previous role as the Utility Arborist Association Executive Director, we were constantly working to develop a college or university curriculum for utility vegetation management. We were never successful. I have been very pleased with the work of the UVMA who is developing an outstanding on-line certificate program in utility vegetation management. The program is administered by a technical college with the curriculum being developed by the UVMA, in cooperation with the UAA and industry subject matter experts from North America. This will make it a high quality, valid and reliable credential for those wanting to become utility vegetation managers and those wanting to hire UVM managers.

I am confident that this long overdue training opportunity will have North American appeal. We actually have one of our consulting utility foresters in the program. He is very pleased with the material and how challenging the program has been.

Ultimately, thirteen years after the blackout, we have been able to improve our vegetation management practices, our safety and our reliability. We are now starting to improve ourselves as utility vegetation managers.







## \$1000.00 Student Scholarship

### OPEN TO ALL STUDENTS CURRENTLY ENROLLED IN POST SECONDARY STUDIES RELATED TO INDUSTRIAL VEGETATION MANAGEMENT

The Professional Vegetation Managers Association's (PVMA) membership is made up of electric utilities, pipelines and petroleum producers, forestry companies, road authorities and municipal weed managers, contractors, equipment and chemical suppliers, government agencies and others. An objective of the Association is to promote and support continuous improvement in the industry through development of improved methods, careful regulation and responsible execution of vegetation management activities, and by supporting training and education of the people working at all levels in the industry.

In keeping with this objective, the PVMA will be awarding one scholarship of \$1000.00 each year to an Alberta student who is enrolled in a vegetation management related program in an Alberta post secondary institute. In addition to the scholarship, the winner will receive a complementary admission and paid accommodations to PVMA's Annual Seminar / Workshop held each year in March. See PVMA website for updated information ([www.pvma.ca](http://www.pvma.ca)).

To qualify for consideration, the applicants must:

1. Be enrolled in a biology, agriculture, environmental studies, forestry or other program related to natural sciences.
2. Have completed a minimum of one full year of the related program and have maintained a passing average mark.
3. Prepare a 1 to 2 page written essay detailing the student's outstanding interests and areas of specialty in the field of industrial or forestry vegetation management.
4. Be a full-time resident of Alberta.
5. Have never been previously awarded this Scholarship.

To apply, send us your essay and a personal resume by mail prior to November 30, 2016 to:

**Neil Thiessen PVMA Executive Director- Box 5468 Leduc, Alberta T9E 6L7**

The submissions will be reviewed and judged, and a winner chosen at the sole discretion the Board of Directors of the PVMA. The PVMA reserves the right to publish the winning essay and the name of the winning applicant publicly including on the Association website. Once a winner has been chosen, submissions made by other applicants will be destroyed. The PVMA reserves the right to refuse any application without bias.

The Scholarship winner will be notified within 60 days after application cutoff date. Requests for extension to the deadline for submission will NOT be considered.

For more information or to contact the PVMA, please see our website at [www.pvma.ca](http://www.pvma.ca)





**PVMA Members Bursary Application Form**

<b>Student Information:</b>			
First Name	Middle Initial	Last Name	
Date of Birth (mm/dd/yyyy)	Home Phone No.	Cell Phone No.	
Street Address	City/Town	Province	Postal Code
Mailing Address (If different than above)			
<b>Institution Information:</b>			
University/College Name	Campus Location	Length of Program	
Program Enrolled		Current Year of Study	
<b>PVMA Member Information:</b>			
First Name	Middle Initial	Last Name	
Address	City/Town	Province	Postal Code
<b>Financial Need:</b>			
Marital Status: <input type="checkbox"/> Single <input type="checkbox"/> Married <input type="checkbox"/> Other			
Living Arrangement: <input type="checkbox"/> With Family <input type="checkbox"/> On Campus <input type="checkbox"/> Roomate(s) <input type="checkbox"/> With Spouse/Partner			
Dependants: <input type="checkbox"/> Yes <input type="checkbox"/> No      Under 18?: <input type="checkbox"/> Yes <input type="checkbox"/> No      Dependant Age:   _____			
Employment during studies: <input type="checkbox"/> None <input type="checkbox"/> Full Time <input type="checkbox"/> Part Time			
If married, is your spouse currently working?: <input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>Please List Any Extracurricular Activities:</b>			
Please submit the completed application form and proof of enrollment to the PVMA by October 31st. Applications and attachments may be sent to: Neil Thiessen PVMA Executive Director- Box 5468 Leduc, Alberta T9E 6L7			
Applicant Signature	PVMA Member Signature	Date	
Once a winner has been chosen, submissions made by other applicants will be destroyed. Information protected by the PVMA Privacy of Information Policy available at <a href="http://www.pvma.ca">www.pvma.ca</a>			





## PVMA Members Bursary Program

### PURPOSE:

To recognize the scholastic achievement of PVMA member dependants and, to foster further academic growth for students in need of financial aid at an approved post secondary institution.

### APPLICATION TO PVMA OBJECTIVES:

By supporting the academic development of membership dependants in need of financial aid, the PVMA furthers its commitment to “foster education about all facets of vegetation management”.

### ELIGIBILITY:

1. Applicants must be enrolled in a second semester at a Canadian post secondary institution which is a member of Universities Canada or, a Canadian college, institute of applied arts and technology or similar institution.
2. Applicants must be dependent children of named PVMA members who have been members (in good standing) for one year and are still members upon the commencement of the academic year.

### GUIDELINES:

1. Annually, the PVMA Board of Directors may establish funding available for the PVMA Members Bursary.
2. A maximum of \$500.00 per accepted applicant may be awarded annually for financial support towards the applicant's selected post secondary field of study.
3. Priority will be given to applicants who have not yet been awarded the PVMA Members Bursary. An applicant may be awarded the award a second time based on the availability of funds, financial need and number of applications received.

### PROCEDURE:

1. Eligible applicants shall submit a request for financial support to the PVMA prior to October 31 of a given year for consideration. PVMA Members Bursary applications are available from the PVMA website ([www.pvma.ca](http://www.pvma.ca)).
2. Proof of enrollment in a post secondary institution must be submitted with the application.
3. All applications shall be reviewed by the PVMA Awards Committee for recommendation to the PVMA Board of Directors.
4. The PVMA Board of Directors shall have sole discretion in the final selection and award of the PVMA Members Bursary.





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