

# Vegetation Management Conference

December 3-4, 2019 • San Antonio, TX

## Overview

This conference will expand on three primary focus areas, that being program management, technology and environmental issues. Presentations in the program management sessions will demonstrate the importance of effective communication with stakeholders for the implementation and acceptance of vegetation management plans as well as aligning corporate goals with long-term objectives in safety, reliability and reduced costs. These strategic goals extend to selecting and retaining skilled workers in addition to ensuring contractor suitability to achieve customer satisfaction.

In support of strategic goals, attendees will gain insight on current technologies for data gathering, strategies for leveraging data, and methods for transferring data between owners and third parties for work management. Some of the many topics that will be covered are successful inventory collection programs, computer models for growth, prescription, and management optimization as well as paperless workflows.

A third focus of this conference are environmental issues seeing that climate change is forcing utilities prepare for extreme weather fluctuations and its impact on forest health. As a result, this session will support utilities to better understand how to develop or depend on weather prediction systems and experts to assist in storm-related damage predictions, put restoration plans in place and depict the regulatory role in program adaptation. Another pillar within this session is herbicide use, which ties in to aspects covered throughout the conference by demonstrating new technologies and techniques for herbicide application, methods for predicting growth cycles and environmental stewardship.

## Themes

1. Program Management – Strategic vs Operational Planning
2. Program Management – Contractor Procurement Strategies
3. Technology – Data Collection and Prioritization
4. Technology – Mobile Data Use / Paperless Programs
5. Environmental Issues – Adaptation Strategies / Risk Mitigation
6. Environmental Issues – Effective Herbicide Use

## Who Should Attend?

- Electric Utilities
- Consultants
- Equipment Vendors
- Research Facility and Laboratory Personnel
- Academics

This event was created with the help of our utility members:



# Vegetation Management Day 1

December 3, 2019

8:15-8:30

**Welcome & Introduction**

*Rob Young,  
CEATI International*

## Session 1: Program Management – Strategic vs Operational Planning

8:30-8:55

**A Strategic Approach to Risk-Driven Vegetation Management**

*Jeff Filip,  
Intelfuse (Australia)*

8:55-9:20

**Automatic Generation of Prescriptions Using AI To Empower UVM Programs**

*San Gunawardana,  
Enview*

9:20-9:45

**Leveraging Prescriptive Modelling & Optimization for a Program Management Approach to Utility Vegetation Management**

*Mike Oliver,  
Remsoft*

9:45-10:00

**Question Period & Discussion**

**10:00-10:30 Break**

10:30-10:55

**Session Presentation**

*Chris Aman,  
Power Advocate*

## Session 2: Program Management – Contractor Procurement Strategies

10:55-11:20

**VM Program Optimization through Virtual World Asset Management**

*Anthony Palizzi,  
Fugro*

11:20-11:45

**Session Presentation**

TBD

11:45-12:00

**Question Period & Discussion**

**12:00-1:30 Lunch**

## Session 3: Technology – Data Collection and Prioritization

1:30-1:55

**Reinventing Vegetation Management with Hyper-Spectral Analytics at Utility Scale**

*Rob Berglund,  
The Weather Company  
Bryan Sacks,  
IBM*

1:55-2:20

**Applications of Artificial Intelligence (AI) and Machine Learning (ML) within Vegetation Management Programs**

*Kimberly Laing & Mark Kulchycki,  
Manitoba Hydro International*

2:20-2:45

**Session Presentation**

TBD

2:45-3:00

**Question Period & Discussion**

**3:00-3:30 Break**

3:30-3:55

**Condition-Based Maintenance using Remote Sensing**

*Jack Gardner,  
Duke Energy  
Jacob Hall,  
Quantum Spatial*

3:55-4:20

**Session Presentation**

TBD

4:20-4:45

**Accuracy of LiDAR-Derived Encroachment Data**

*Shinmoy Saha,  
Green Grid*

4:45-5:00

**Question Period & Discussion**

**6:00-7:30 Reception**

*Agenda is subject to change without notice.*

# Vegetation Management Day 2

December 4, 2019

8:25-8:30

**Day 2 Introduction**

*Rob Young,  
CEATI International*

## Session 4: Technology – Mobile Data Use / Paperless Programs

8:30-8:55

**Xivic - A Deliverable for Paperless Workflow Plus Much More**

*David Glenn,  
Delta Utilities*

8:55-9:20

**Digital Vegetation Management Solutions: Should you take the leap?**

*Kris Myers, American Electric Power  
Meera Kulkarni,  
GeoSpatial Innovations*

9:20-9:45

**LiveEO: Delivering Answers from Above**

*Sven Przywarra,  
LiveEO (Germany)*

9:45-10:00

**Question Period & Discussion**

**10:00-10:30 Break**

10:30-10:55

**TBD**

*TBD,  
Point4*

10:55-11:20

**The Case for Integration in Vegetation Management**

*Justin Stratton & Vince Mikulanis,  
Davey Resource Group  
Joe Purohit, Ecolayers  
Peter Gollinger, City of Palo Alto*

## Session 5: Environmental Issues – Adaptation Strategies / Risk Mitigation

11:20-11:45

**Modeling Tree Susceptibility to Windthrow for Vegetation Management Decision Support**

*Yohannes Yimam &  
Brian Schmid,  
Formation Environmental*

11:45-12:00

**Question Period & Discussion**

**12:00-1:30 Lunch**

1:30-1:55

**Adapting to Challenges for Transmission Land Assets in Australia**

*Stephen Martin,  
Powerlink Queensland (Australia)*

1:55-2:20

**Leveraging Remote Sensing Data to Quantify Vegetation Risk Characteristics**

*Bob Bell,  
PG&E  
Jennifer Whitacre,  
Quantum Spatial*

2:20-2:45

**We BELIVE in a Biodiversity and Security Match Under Power Lines**

*Lisa Garnier,  
RTE France*

2:45-3:00

**Question Period & Discussion**

**3:00-3:30 Break**

3:30-3:55

**Understanding the Past, Present and Future of Vegetation Risks on a Wildfire-Prone Electricity Network using Geospatial Analysis**

*Scott McKenzie,  
Endeavour Energy  
Sophie Martin,  
NM Group*

## Session 6: Environmental Issues – Effective Herbicide Use

3:55-4:20

**Transmission ROW Biosecurity Management in Queensland, Australia**

*Stephen Martin,  
Powerlink Queensland (Australia)*

4:20-4:45

**The Monarch CCAA: Lessons in Collaborative Conservation from Planning to Practice**

*Iris Caldwell,  
Sustainable Landscapes  
Dan Salas, Cardno*

4:45-5:00

**Question Period & Discussion**

5:00-5:05

**Concluding Remarks**

*Rob Young,  
CEATI International*

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## Registration Form

You can also register online at [www.ceati.com/VM2019](http://www.ceati.com/VM2019)

### Your Information

Name

Title

Organization

Street Address

City, Province, State

Country



Postal/Zip Code

E-mail

Phone

Fax

### Payment Information

Visa   Mastercard 

Card No.

Expiry Date  /

Signature

Cardholder

**Hyatt Regency Hill Country Resort & Spa**  
 9800 Hyatt Resort Dr, San Antonio,  
 TX 78251, USA  
 +1 210-647-1234



### Registration Fees & Discounts

Register by September 3, 2019 and save up to \$50!

- ~~\$925~~ \$875 USD Standard Registration
- ~~\$795~~ \$745 USD Utility Pass
- \$645 USD CEATI Participant Pass
- \$645 USD Confirmed Speaker

\*VMP participating organizations may be eligible for a complimentary registration - contact your Program Coordinator for more information.

### Exhibit at the Vegetation Management Conference!

- ~~\$3,700~~ \$3,650 USD Sponsorship Booth (2 passes)
- ~~\$2,700~~ \$2,650 USD Standard Booth (2 passes)
- \$1500 USD Conference Sponsor
- \$645 USD Additional Exhibitor Passes  
Quantity: \_\_\_\_\_

**Top 3 booth choices:** \_\_\_\_\_

**For Exhibitors:** All cancellations received 60 days prior to the event will be subject to a processing fee of 25% of the total amount. There will be no refunds granted after this date. Delegate substitution is permitted at no extra cost.

### Important Information

Registration fees include proceedings package, breakfast, breaks, lunches and reception where indicated on the schedule.

- Please check if you wish to be contacted about allergies or other dietary requirements.

Prices are in USD. Charges will appear as 'CEATI International Inc' and are subject to applicable taxes and fees. All cancellations received at least 60 days prior to the event will be subject to a \$200 processing fee. There will be no refunds granted after this date. Delegate substitution is permitted at no extra cost. Please note that all names registering for the event will be added to CEATI's mailing list. If you do not wish to be included in this electronic outreach, please click on the 'unsubscribe' button in the email to remove yourself. In the spirit of industry networking, your email may be shared with other conference participants. If you do not wish to have your email shared, please contact us at [events@ceati.com](mailto:events@ceati.com). By attending, you acknowledge that there may be photographs or videos taken of you during this event, and you consent to the use of these photographs or videos in future CEATI communications.

All conference guests are eligible for a preferred rate of \$126 USD a night subject to availability (or prevailing per diem rate). To receive this rate, please mention the special convention rate for the CEATI International conference. Preferred rate only available until October 18, 2019.