



**WEST VIRGINIA**  
Society of Professional Surveyors

# Program Book

48th Annual WVSPS  
Convention, Flatwoods, WV  
February 18-20, 2016  
[www.wvspconvention.org](http://www.wvspconvention.org)

## Please Join us

The Convention Committee and Officers of the West Virginia Society of Professional Surveyors invite you to attend our 48th Annual Convention, February 18 - 20, 2016 at the Days Hotel and Conference Center in Flatwoods, West Virginia. The Conference Center is conveniently located at Exit 67 on I-79.

We are proud of the seminars offered, and proud to be holding the line on price this year. Licensees are not likely to find a more convenient or economical way to earn continuing education credits. Of course, we welcome all who work or have an interest in surveying, not just licensees.

## Important Dates

- January 15, 2016** - Map Contest Entry Deadline
- January 27, 2016** - Last day for Early Registration
- February 8, 2016** - Deadline to receive guaranteed hotel room rate.
- February 10, 2016** - Deadline for receipt of registrations by mail, fax.
- February 18, 2016** - Beginning of On-site Registration at Days Hotel and Conference Center.

## Table of Contents

- 4 Basic Information
  - 5 Convention at a Glance
  - 6 Seminar Overview
  - 8 Map Contest
- Map Contest Entry Form  
Convention Registration Form

## Purpose

To present practical ideas and techniques for immediate application to working situations, promote discussion of mutual surveying and geographic information system problems, and provide opportunities to update technical knowledge.

## Who Should Attend

Surveyors, engineers and others involved in all disciplines of surveying, including legal principles and real estate law as they apply to surveying, as well as individuals involved in cartography, photogrammetry, law and geographic-information systems, and computer-aided design and drafting. The program is designed to offer continuing education opportunities to beginning and experienced practitioners alike.

## Continuing Education Eligibility

All courses offered are designed to meet the mandatory continuing education requirements of the West Virginia Board of Professional Surveyors (WVBPS). However, the WVBPS is the ultimate authority on matters of eligibility and approval. Attendees are responsible for verifying course eligibility for application to continuing education requirements of other states and professions. We are also providing CPC Credits to Maryland Surveyors. The Maryland CPC credits are calculated on a 60 minute contact hour basis as opposed to the WV 50 minute basis. Please refer to the course description pages to see the amount of CPC credits that are available in each session.

## Antique Equipment Display

There will be an antique surveying instrument display organized and manned by the West Virginia Affiliate of the Surveyors Historical Society. If you have any old or antique equipment for display, please bring it with you when you register.

## Hotel Accommodations

Participants are responsible for their own lodging arrangements. A block of rooms has been reserved for WVSPS at the Days Hotel. Room rates are \$80.10/single and \$89.10/double occupancy . This room rate includes parking and complimentary buffet breakfast in the Visions Restaurant. You must mention that you are with the WVSPS Convention when making your reservation. Reservations may be made by calling 1-866-700-7284. Reservations must be made by February 8, 2016 in order to receive the special room rate. Any reservations made after that date could receive a higher room rate.

### Fees and Registration

Full registration fee covers Thursday Lunch, Thursday Dinner, Friday Lunch, Friday Banquet, Saturday Breakfast and Saturday Lunch, and all breaks. A late fee must be added to all registrations postmarked after January 28, 2016. The registration fee may be paid by check, money order or credit card (Visa or MasterCard). To register for the convention, complete the enclosed registration form and return it to WVSPS, 1404 ½ Adams Avenue, Huntington, WV 25704. Your receipt for registration will be e-mailed or paper mailed to the address on your registration form. Feel free to make copies of the registration form. Members of other state surveying societies may receive the member rate by enclosing a copy of their current membership card. You may also register online at [www.wvspconvention.org](http://www.wvspconvention.org), by fax at (304) 523-9701 or by phone at (304) 208-8970. Please have your seminar and meal selections ready when you call.

### Guest Registration

Guest registration covers all meals. Guests, however, may not attend any educational sessions. The guest fee is \$75.

### Refunds and Cancellations

Refunds of the full convention fee paid will be made for cancellations received in writing before February 1, 2016. After that date, the individual or organization will be held responsible for the fee. Anyone who is registered but cannot attend may send a substitute. However, all substitutions require confirmation prior to the event. WVSPS reserves the right to cancel or postpone any course or activity with or without warning due to insufficient enrollment or unforeseen circumstances.

### Exhibits

Representatives from various equipment suppliers and service providers will be present to answer questions and to demonstrate their products. Through these exhibits, attendees can learn about new equipment techniques, technology and sources of professional services in the industry. Representatives from educational institutions offering surveying curricula and degrees will also be present to advise aspiring surveyors. Our Exhibitors help make the Convention possible, please plan on visiting their booths and displays in the Exhibit Hall.

2016 Convention at a Glance

Thursday, February 18, 2016

07:30am - 05:30pm	Registration & Exhibit Hall Open
08:00am - 10:00am	Seminars
10:00am - 10:30am	Break with Exhibitors
10:30am - 12:00pm	General Membership Meeting
12:00pm - 01:15pm	Lunch & Map Contest Announcements
01:15pm - 05:15pm	Seminars
05:30pm - 06:30pm	Social Hour
06:30pm - 07:30pm	Exhibitors Dinner
07:30pm - 08:30pm	Surveyors Historical Society Meeting
08:30pm - 09:30pm	County Surveyors Meeting
08:30pm - 10:30pm	Hospitality Suite Open

Friday, February 19, 2016

07:00am - 08:00am	Past Presidents Breakfast (past presidents only - by invitation)
07:30am - 05:30pm	Registration & Exhibit Hall Open
08:00am - 12:00pm	Seminars
12:00pm - 01:15pm	Lunch
01:15pm - 05:15pm	Seminars
05:30pm - 06:30pm	Social Hour
06:30pm - 09:00pm	Dinner & Awards Banquet
09:00pm - 11:00pm	Hospitality Suite Open

Saturday, February 20, 2016

07:00am - 08:00am	Saturday Prayer Breakfast
07:30am - 05:30pm	Registration & Exhibit Hall Open
08:00am - 12:00pm	Seminars
12:00pm - 01:15pm	Lunch
01:15pm - 05:00pm	Seminars



## Seminar Overview

For more details, please visit [www.wvspconvention.org](http://www.wvspconvention.org)

### THURSDAY

#### **Elevation Certificates (2 PDHs)**

- Chuck Grishaber

#### **John Love's "Geodaesia" or The Art of Surveying and Measuring of Land (2 PDHs)**

- Don Teter

#### **Tech Toys for Your Toolbox (2 PDHs)**

- Mack McCarty

#### **3D Laser Scanning (4 PDHs)**

- Damon Wilkewitz

#### **Minimum Standards & Ethics (4 PDHs)**

- Don Teter

#### **Modernization of the NSRS (4 PDHs)**

- David Doyle

#### **OPUS Project Manager's Training PART I (4 PDHs)**

- Charles Geoghegan

#### **Wood & Tree ID & Marking Lines (4 PDHs)**

- Leon Mallow

### FRIDAY

#### **ALTA/ACSM Land Title Surveys (4 PDHs)**

- Gary Kent

#### **Design, Land Use, and Planning in the NFIP (4 PDHs)**

- Wendy Lathrop

#### **OPUS Project Manager's Training PART II (4 PDHs)**

- Charles Geoghegan

#### **Measuring Ancient Works (4 PDHs)**

- Don Teter

#### **State Plane Coordinate System (4 PDHs)**

- David Doyle

For more details, please visit [www.wvspconvention.org](http://www.wvspconvention.org)

**ALTA/ACSM Land Title Surveys - A Field Perspective (4 PDHs)**

- Gary Kent

**Design, Land Use, and Planning in the NFIP (4 PDHs)**

- Wendy Lathrop

**GPS-Derived Heights (4 PDHs)**

- David Doyle

**OPUS Project Manager's Training PART III (4 PDHs)**

- Charles Geoghegan

**Property Descriptions: Interpreting Legal Descriptions, and Preparing Metes and Bounds Descriptions (4 PDHs)**

- Don Teter

**SATURDAY**

**Anyone Could Lead Perfect People (4 PDHs)**

- Gary Kent

**Basic Surveyors Exam Review (4 PDHs)**

- Rick Witte

**Elevation Certificates (4 PDHs)**

- Wendy Lathrop

**Minimum Standards & Ethics (4 PDHs)**

- Don Teter & Dave Ingram

**Boundary Law Exam Review (4 PDHs)**

- Rick Sypolt

**FEMA Mapping Issues (4 PDHs)**

- Wendy Lathrop

**Managing Your Business in Challenging Times (4 PDHs)**

- Gary Kent

**Early Surveying Techniques and the Evolution of Surveying Equipment (4 PDHs)**

- Dave Ingram

## 2016 Map Contest Rules

Deadline - January 15, 2016

1. **Only members of WVSPS may submit maps.** If you aren't a member of WVSPS you can submit your membership application along with the map entry form. Contact WVSPS at 304-208-8970 or [wvsp@wvsp.org](mailto:wvsp@wvsp.org) for an application.
2. The survey must be within **West Virginia**.
3. All maps must have been produced between last year's convention (February 21, 2015) and the map entry deadline (January 15, 2016). Dates must be shown on each map.
4. **The name of the surveyor/company must be concealed on the face of each map to be judged (see item 11 below).** Please check all notes on the map for compliance. **DO NOT** put your name on the back of the map.
5. Each entrant will be limited to one map in each of the following categories: City Lot; Well Location; Rural Boundary; Topography; ALTA/ACSM (You may call the office for guidelines for ALTA); Subdivision (5 or more lots); and Miscellaneous. The entrant is the professional whose signature and seal appear on the map. Multiple entrants from a single company are permitted provided their entries and registration documents are submitted separately.
6. The same map may not be used in more than one category.
7. **Maps must be clearly marked to indicate in which category the entry is to be judged.** If, in the opinion of the judges, the map has been submitted in an incorrect category, the entry form is incomplete, illegible, incorrect or not submitted, or upon failure to comply with any of the Map Contest rules, the map will be disqualified.
8. All entries must be un-mounted prints with a maximum size of 24 by 36 inches. Only Deep Mine maps entered in the miscellaneous category may be larger if needed to include all required information.
9. Entries will be judged on completeness, legibility, and presentation. Decisions of the judges are final.
10. Awards will be presented for first, second, and third place winners in each category. Along with a plaque there will be cash prizes in the amounts of \$100 for 1st place, \$50 for 2nd place, and \$25 for 3rd place.
11. Deliver 2 copies (one copy with the name of the surveyor/company (including the logo) concealed for judging, and one copy with the name visible for display at the convention) for each category entry to WVSPS, 1404 1/2 Adams Ave, Huntington, WV 25704 postmarked no later than January 15, 2016. Entries must be folded to fit into a 9" x 12" envelope. Each map must be labeled with a note indicating the category in which it is to be entered.
12. **Old and interesting maps may be sent for display at the convention, however, there will be no awards for this category. Please indicate who is providing the map.**
13. All maps entered (except the old and interesting maps) become property of WVSPS upon submission for the contest.





West Virginia Society of Professional Surveyors

# Map Contest Entry Form

Questions about how to complete this form?

Email:  
wvps@wvps.org

Or call us at:  
304-208-8970

Return completed form to:

WVSPS  
c/o JulNet Solutions, LLC  
1404 1/2 Adams Avenue  
Huntington, WV 25704

Or fax form to:  
304-523-9701

## Applicant

NAME				EMAIL	
COMPANY					
ADDRESS					
CITY	STATE	ZIP	PHONE	FAX	

## Contest Details

*The 48<sup>th</sup> Annual WVSPS Convention will be in Flatwoods, West Virginia at the Days Hotel and Conference Center, February 18-20, 2016.*

There is **NO** entry fee.

**ENTRIES MUST BE POSTMARKED BY JANUARY 15, 2016**

*Each first place winner will receive \$100 cash, a plaque, ribbon; second place will receive \$50 cash and a ribbon; and third place will receive \$25 cash and a ribbon.*

## Map Details

MAP CATEGORY	TITLE OF ENTRY	OFFICE USE ENTRY #
<input type="checkbox"/> CITY LOT		
<input type="checkbox"/> TOPOGRAPHY		
<input type="checkbox"/> WELL LOCATION		
<input type="checkbox"/> ALTA/ACSM		
<input type="checkbox"/> RURAL BOUNDARY		
<input type="checkbox"/> SUBDIVISION		

*Please mail entries to:*

**West Virginia Society of Professional Surveyors**  
1404 1/2 Adams Avenue  
Huntington, WV 25704

**Entries must be folded to fit in a 9" x 12" envelope and labeled with category name.**



# 48th Annual WVSPS Convention Registration Form

Questions about how to complete this form? Return completed form to:

Email us at:  
wvpsps@wvpsps.org

Or call us at:  
304-208-8970

WVSPS  
c/o JulNet Solutions, LLC  
1404 1/2 Adams Avenue  
Huntington, WV 25704

Or fax form to:  
304-523-9701

## Basic Information

Name		Email	
Address		City	
State	Zip	Phone (Home)	Phone (Cell)
Company			

**Full Registration:** includes admission to all events, breaks, all meals and exhibits.

**One Day Registration:** includes admission for the day to all events seminar handouts, breaks, meals and exhibits.

**Non-Members** who send in an application and payment for membership will receive member rates.

**Members of any other state surveying association** can receive the member rate by enclosing a copy of their current membership card.

### Early Registration (received before 1/25/2016)

### Late Registration (received after 1/25/2016)

#### Full Registration

- Member \$385       Non-Member \$520  
 Student Registration \$100     Guest Fee \$75

#### Full Registration

- Member \$425       Non-Member \$560  
 Student Registration \$100     Guest Fee \$75

#### One Day Registration

- Thurs. Member \$210     Thurs. Non-Member \$285  
 Fri. Member \$240       Fri. Non-Member \$315  
 Sat. Member \$210       Sat. Non-Member \$285

#### One Day Registration

- Thurs. Member \$250     Thurs. Non-Member \$325  
 Fri. Member \$280       Fri. Non-Member \$355  
 Sat. Member \$250       Sat. Non-Member \$325

- Renew a Class A Membership along with registration \$200  
 Handouts Binder \$25 (Handouts available for online download otherwise)

**Please indicate which seminars and meals you plan to attend (visit [www.wvpspsconvention.org](http://www.wvpspsconvention.org) for seminar descriptions.) All seminars have limited seating so please register early to reserve your seat.**

### Thursday

Meals  Lunch  Dinner

#### AM Sessions

- John Love's "Geodaesia"  
 Tech Toys for Your Toolbox

#### PM Sessions

- 3D Laser Scanning  
 Minimum Standards & Ethics  
 Modernization of the NSRS  
 OPUS Project Manager's Training PART I\*  
 Wood & Tree ID / Marking Lines

### Friday

Meals  Lunch  Dinner Banquet

#### AM Sessions

- ALTA/ACSM Land Title Surveys  
 Design, Land Use, and Planning in the NFIP  
 OPUS Project Manager's Training PART II\*  
 Measuring Ancient Works  
 State Plane Coordinate System

#### PM Sessions

- ALTA/ACSM Land Title Surveys - A Field Perspective  
 Design, Land Use, and Planning in the NFIP  
 GPS-Derived Heights  
 OPUS Manger's Training PART III\*  
 Property Descriptions: Interpreting Legal Descriptions, and Preparing Metes and Bounds Descriptions

### Saturday

Meals  Prayer Breakfast  Saturday Lunch

#### AM Sessions

- Anyone Could Lead Perfect People  
 Basic Surveyors Exam Review  
 Elevation Certificates  
 Minimum Standards & Ethics

#### PM Sessions

- Boundary Law Exam Review  
 Early Surveying Techniques and the Evolution of Surveying Equipment  
 FEMA Mapping Issues  
 Managing Your Business in Challenging Times

\* Multi part seminars must be registered for in full. ALL parts need to be attended in order to qualify for certification.

Make checks payable to: **WVSPS Convention**

Visa/MasterCard/AMEX accepted online. Log onto [www.wvpspsconvention.org](http://www.wvpspsconvention.org) for registration

Complete and sign this form and return with full payment to:

WVSPS • c/o JulNet Solutions, LLC • 1404 1/2 Adams Avenue • Huntington, WV 25704 • Phone 304-208-8970 • Fax 304-523-9701  
wvpsps@wvpsps.org