



47th WVSPS
Annual Convention

Program Book

February 19-21, 2015

Days Hotel and Convention Center
Flatwoods, WV

www.wvspconvention.org

Please Join us

The Convention Committee and Officers of the West Virginia Society of Professional Surveyors invite you to attend our 47th Annual Convention, February 19-21, 2015 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, 2015** - Map Contest Entry Deadline
- January 27, 2015** - Last day for Early Registration
- February 10, 2015** - Deadline to receive guaranteed hotel room rate.
- February 10, 2015** - Deadline for receipt of registrations by mail, fax.
- February 18, 2015** - Beginning of On-site Registration at Days Hotel and Conference Center.

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Purpose

To present practical ideas and techniques for immediate application to working situations, promote discussion of mutual surveying and geographic information systems 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 Professionals 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 10, 2015 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 27, 2015. 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, by fax at (304) 523-9701 or by phone at (304) 208-8970. Please have your seminar and meal selections ready when you call.

Refunds and Cancellations

Refunds of the full convention fee paid will be made for cancellations received in writing before February 1, 2015. 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.

2015 Convention at a Glance

Thursday, February 19, 2015

07:00am - 05:30pm	Registration & Exhibit Hall Open
08:00am - 10:00am	Seminars
10:00am - 10:30am	Break with Exhibitors
10:45am - 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 - 10:30pm	Hospitality Suite Open

Friday, February 20, 2015

07:00am - 07:30am	Past Presidents Breakfast (past presidents only - by invitation)
07:00am - 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 21, 2015

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

Seminar Overview

A Rough Overview of the Public Roads in the State of West Virginia - 1786 to 2014

-Steve Prunty

Accuracy and Precision

-Tim Kerr

Amazing Surveys and Surveyors

-Dave Ingram

Basic Geodesy

-Tim Kerr

Basic Surveyors Exam Review

-Rick White

Best Methods for Accurate Real Time Positioning

- Bill Henning

Boundary Law Exam Review

-Rick Sypolt

Comparative Ethics for Surveyors

-Dave Ingram

Environmental Protection Related Regulations

-Terry Polen

Expert Witness Testimony

-Jeff Lucas

FEMA Elevation Certificates

-Jon Janowicz

GIS Basic Workshop

-Darrell R. Dean, Jr.

GNSS for Site Control

-BillHenning

Introduction to Hydrology and Hydraulics

-Jon Janowicz

Measuring Ancient Works

-Don Teter

Metes and Bounds Property Descriptions; Bad Examples and How to Do Better

-Don Teter

Mock Trial

-Jeff Lucas

Overview of the Law of Easements

-Steve Prunty

Risk Management for Survey Firms

-Eric Teske

The Evolution of the National Spatial Reference System

-Daniel Martin

Town Hall Discussion - Surveying in WV

-Bryant Bowman

Underground Surveying and Mapping for the Uninitiated

-Gary Hartsog

Underground Surveying and Mapping: The Basics

-Gary Hartsog

Using and Understanding OPUS

-Daniel Martin

Water Boundaries

-Jeff Lucas

Why Glenville: A History and Perspective

-Darrell R. Dean, Jr.

WV Minimum Standards for Surveyors

-Don Teter

2015 Map Contest Rules

Deadline - January 15, 2014

1. **Only licensed 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 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, 2014) and the map entry deadline (January 15, 2015). 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 12 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, incorrect or not submitted on time, 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 according to WVSPS Map Judging Forms, taking into account completeness, legibility, and presentation.
10. Awards will be presented for first, second, and third place winners in each category.
11. There will be **NO** entry fee.
12. **Mail 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 ½ Adams Avenue, Huntington, WV 25704 postmarked no later than January 15, 2014. **Entries must be folded to fit into a 9" x 12" envelope. Each map must be labeled with a post-it note indicating the category in which it is to be entered.**
13. Old and interesting maps may be displayed at the convention. There will be no entry fee or awards for this category. Please indicate who is providing the map.
14. All maps entered (except old and interesting maps) become the property of WVSPS upon completion of the contest.
15. Along with plaques there will be cash prizes again this year. We have will be awarding \$100 for 1st place, \$50 for 2nd place, and \$25 for 3rd place.



47th Annual WVSPS Convention Map Contest Entry Form

Questions about how to complete
this form?

Email us at:
wvps@wvps.org

Or call us at:
304-208-8970

Return completed form to:

WVSPS
c/o JulNet Solutions, LLC
1404 ½ Adams Avenue
Huntington, WV 25704

Or fax form to:
304-523-9701

Basic Information

NAME			EMAIL
ADDRESS			CITY
STATE	ZIP	COUNTY	PHONE
COMPANY			

Map Information

Map Category	Title of 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	
<input type="checkbox"/> Miscellaneous	

Additional Information

*There is **NO** entry fee. **Deadline is January 15, 2015.***

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.

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

SIGNATURE	DATE
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wvpsps@wvpsps.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

Basic Information

NAME		EMAIL	
ADDRESS		CITY	
STATE	ZIP	PHONE (HOME)	PHONE (OFFICE)
COMPANY			

Full Registration: includes admission to all events, seminar handouts, 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 1/27/2015)

Late Registration (received before 1/28/2015)

Full Registration

- Member \$385 Non-Member \$520
 Student Registration \$100

Full Registration

- Member \$385 Non-Member \$520
 Student Registration \$100

One Day Registration

- Thurs., Member \$210 Thurs., Non-Member \$210
 Friday, Member \$240 Friday, Non-Member \$240
 Sat., Member \$210 Sat., Non-Member \$210

One Day Registration

- Thurs., Member \$210 Thurs., Non-Member \$210
 Friday, Member \$240 Friday, Non-Member \$240
 Sat., Member \$210 Sat., Non-Member \$210

Please indicate which seminars and meals you plan to attend (visit 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**
- Metes and Bounds Property Descriptions; Bad Examples and How to Do Better
 - Town Hall Discussions - Surveying in WV
 - Using and Understanding OPUS
 - Why Glenville: A History and Perspective
- PM Sessions**
- Environmental Protection Related Regulations
 - GIS Basic Workshop
 - Measuring Ancient Works
 - Risk Management for Survey Firms
 - The Evolution of the National Spatial Reference System

Friday

Meals Lunch Dinner Banquet

- AM Sessions**
- Accuracy and Precision
 - Best Methods for Accurate Real Time Positioning
 - FEMA Elevation Certificates
 - Overview of the Law of Easements
- PM Sessions**
- A Rough Overview of the Public Roads in the State of West Virginia - 1786 to 2014
 - Basic Geodesy
 - GNSS for Site Control
 - Sediment Control/Hydrology
- All day Session**
- Mock Trial

Saturday

Meals Prayer Breakfast Lunch

- AM Sessions**
- Amazing Surveys and Surveyors
 - Basic Surveyors Exam Review
 - Expert Witness Testimony
 - Underground Surveying and Mapping for the Uninitiated
 - WV Minimum Standards for Surveyors
- PM Sessions**
- Boundary Law Exam Review
 - Comparative Ethics for Surveyors
 - Underground Surveying and Mapping: The Basics
 - Water Boundaries

Make checks payable to: **WVSPS Convention**

VISA/MasterCard accepted online. Log onto 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 • www.wvpsps.org

