

INDIANA SOCIETY OF PROFESSIONAL  
LAND SURVEYORS

**70<sup>TH</sup> ANNUAL CONVENTION PROGRAM**

January 12-14, 2022 | Marriott East, Indianapolis



**#ISPLS2022**

## PROGRAM | WEDNESDAY, JANUARY 12, 2022

### Registration Desk

12:00 p.m. - 1:00 p.m.

Attendees can pick up their registration material, name tags and gift at this desk. The attendants at the registration desk are more than happy to assist you with any of your questions, comments and/or suggestions throughout the duration of the convention.

### Exhibit Hall

12:00 p.m. - 6:00 p.m.

Each year we welcome vendors and exhibitors to showcase their products, services and equipment in our exhibit hall. We want our attendees to take every advantage of this opportunity to familiarize themselves with the latest trends and advancements in the surveying industry. Discover many solutions for enhancing your surveying practice. Your name badge is required for admission.

### An Ethical Review of the Maxims of Jurisprudence

John Stahl

1:00 p.m. - 4:00 p.m. | Mandatory | 3 CEUs

This course will provide a thorough review of the Maxims of Jurisprudence found mentioned throughout our case law history and even codified in statutory form in a few states. These maxims form the conceptual foundation of our legal justice system and encapsulate the ethical considerations woven into the fabric of our modern law. Studying these maxims will bring a fresh perspective to the ethical premise upon which our land tenure system is based. We will review the ancient English and Roman influences on our modern law.

We will review the direct correlation between the maxims and the land boundary principles applied when making modern land boundary determinations.

### Professional Ethics and the Land Surveyor - Indiana

Tony Gregory

1:00 p.m. - 4:00 p.m. | Mandatory | 3 CEUs

Holding a license as a Professional Land Surveyor is truly a privilege and an honor. However, such a distinction also carries with it obligations. One such obligation is to practice professionally and ethically. This seminar will cover professionalism and ethics from a general viewpoint, and from that of a land surveyor. In addition to reviewing and discussing published standards such as the Professional Conduct portion of Title 865, the seminar will include discussions of various situations involving professional ethics.

### Welcome Reception

4:00 p.m. - 6:00 p.m.

Kick off your ISPLS convention experience with our welcome reception! This is a great opportunity to familiarize yourself with our vendors, exhibitors and their products while enjoying a cocktail and hors d'oeuvres. Open to all attendees.

### Purdue University & Vincennes University Alumni & Friends Reunion Party

6:00 p.m. - 8:00 p.m.

Join alumni from your alma mater to reminisce on those glory days and support their programs. Details forthcoming.

## PROGRAM | THURSDAY, JANUARY 13, 2022

7:00 a.m. - 5:00 p.m. | Registration Desk Open

7:00 a.m. - 5:00 p.m. | Exhibit Hall Open

7:00 a.m. - 8:00 a.m. | Breakfast

### Right of Way and Easements

Gary Kent

8:00 a.m. - 3:30 p.m. | Elective | 6 CEUs

What exactly is an easement? How does it differ from a license? What is an appurtenant easement versus an easement in gross? How are easements created and what does it take to terminate an easement? What constitutes an easement by necessity or an implied easement? How does adverse possession impact easements? How do railroad, road and highway rights of way fit in? This program will answer those questions and more as the types, elements and nature of easements, both written (express) and unwritten are explored. The program will include case law regarding easements specific to the state of Indiana.

**Part I – Conflict Resolution for the Surveyor** – We will begin with a review of the fundamental aspects of evidence relied upon by the surveyor to determine boundary locations. The court's view of evidence will be examined, and comparisons between the role of the surveyor and the role of the courts will be drawn. We will look at problems with deeds, common transcription mistakes, conflicts in writings, and conflicts in evidence. We will discuss the distinct differences between written conflicts, adjoiner conflicts, and occupational conflicts. Statutory and common law presumptions, rules, and principles that provide direction to the surveyor for conflict resolution will be reviewed and discussed. We will also review some real-life examples of projects and court cases involving deed interpretation and resolution of conflicting terms.

**Part II – Resolving Boundary and Title Problems** – We will start the discussion with a review of the land surveyor's authority and the effect of the land surveyor's opinion upon the client, the adjoining landowners, and the courts. Our discussion will then focus upon the various methods available to the surveyor for resolving conflicts through the Alternative Dispute Resolution (ADR) process and the surveyor's role in formal and informal mediation. Specific examples of conflict resolution documentation will be reviewed and discussed, including specific advantages and disadvantages between various forms.

### So, You've Discovered a Conflict. Now What?

John Stahl

8:00 a.m. - 3:30 p.m. | Elective | 6 CEUs

## PROGRAM | THURSDAY, JANUARY 13, 2022 (CONTINUED)

### Revisiting Legal Descriptions

#### Tony Gregory

8:00 a.m. - 3:30 p.m. | Mandatory | 6 CEUs

This seminar will revisit the topic of legal descriptions in relation to the surveying profession. Various legal principles that relate to the writing and the interpretation of legal descriptions will be revisited. Additionally, state laws and administrative rules, particularly in Indiana, that have direct or indirect relevance to legal descriptions will be discussed.

### General Land Office - Surveyor Field Notes Mapped by Township in GIS: Newly Discovered Original Notes

#### Lorraine Wright

8:00 a.m. - 9:15 a.m. | Elective | 1.5 CEUs

This presentation explains the General Land Office Records: Original field notes and the three transcriptions of those field notes (Federal, State, and County versions). Two Indiana Geographic Information Council projects have been completed (partially funded by the ISPLS and IPLSF). Phase 1 Project is the Marion County (four sets of field notes) and Clarks' Grant (1789-1810 plat book). Phase 2 provides a resource, of a subset, of Original field notes (never accessible before). The results presented will be a subset of the State's Original field notes. The presentation will educate users on how to use the information and how it is organized so they understand how to use the data. The scanned field notes will be available online from a GIS map and from a permanent archive repository. The Original Field notes (Phase 2) include both Townline Notes and Township Subdivision (Section) field notes.

### How can GIS and IGIC Help You?

#### Trohn Enright- Randolph

9:45 a.m. - 11:00 a.m. | Elective | 1.5 CEUs

Do you know what GIS is? Do you know what software programs are available and how to find spatial data for Indiana? Do you know what the Indiana Geographic Information Council (IGIC) does and what the benefits of membership are? If you answered no to any of these questions, then this session is for you! We will give a brief overview of what GIS is, and will then focus on the available local resources, from data to people and updates on workgroup/committee activities/products.

### Dig Law: A Surveyor's Liability

#### Steve Baker

9:30 a.m. - 11:00 a.m. | Elective | 1.5 CEUs

Instruction covering the application of the Indiana Dig Law and your liability as a Surveyor. Training conducted by an Indiana Utility Regulatory Commission approved presenter.

**11:00 a.m. - 12:00 p.m. | Lunch**

**12:00 p.m. - 12:30 p.m. | Exhibit Hall Break**

While the Exhibit Hall is open all day, this time is a break from all other activities to offer a dedicated opportunity to visit this year's exhibitor booths.

### Right of Way Plan Development

#### Don West

12:30 p.m. - 2:00 p.m. | Mandatory | 1.5 CEUs

This discussion focuses on the basic requirements for preparing the documents and materials necessary for INDOT's Right of Way Engineering process in compliance with the Indiana Administrative Code (Title 865) - namely Rule 12 (Land Surveying; Competent Practice). Additionally, the course relates the application of Route Surveys (Location Control Route Surveys) focusing on the Right of Way Engineering documents (i.e., R/W Parcel Plats and descriptions) required for INDOT or LPA (Local Public Agency) projects. To gain prequalification status, or remain on INDOT's prequalification list, consultants are required to complete this training once every two years.

In addition to the Right of Way Plan Development process, brief coverage of INDOT's Land Records System (LRS) will also be presented. LRS is a critical component in the right of way process and it requires specific activity/data input from title research to acquisition.

### Bentley OpenRoads Designer (ORD) for Right of Way Engineering and Asset Management at INDOT

#### Derek Fuller

2:00 p.m. - 3:30 p.m. | Elective | 1.5 CEUs

As INDOT prepares to roll-out Bentley's newest Civil Design platform, OpenRoads Designer (ORD), for Road Design this presentation will familiarize the audience with the software platform, and some of its advantages. An overview of the geometry and other tools as they apply to Right of Way computations will be provided. As well as a workflow utilizing Item Types and the Asset Manager tool, for exporting the Right of Way CAD features to a GIS database for Asset Management.

The audience will take away knowledge of the status of ORD implementation at INDOT, how ORD can make Right of Way computations digital and more efficient, as well as a workflow for creating GIS data for the Right of Way CAD features.

### ISPLS Annual Business Meeting

4:30 p.m. - 6:00 p.m.

General Membership Business Meeting to discuss the past and future activities of ISPLS and the IPLS Foundation.

### Convention Reception

6:00 p.m. - 6:30 p.m.

General Membership Business Meeting to discuss the past and future activities of ISPLS and the IPLS Foundation.

### ISPLS Convention Banquet and Award Presentation

6:30 p.m. - 8:00 p.m.

Ticket required (one ticket included in Full Registration). Essential Registration, One-Day registrants and Spouse Program participants require separate ticket purchase.

## PROGRAM | FRIDAY, JANUARY 14, 2022

**7:00 a.m. - 12:30 p.m. | Registration Desk Open**

**7:00 a.m. - 8:00 a.m. | Breakfast**

### **Corner Perpetuation for Boundary Survey**

**Gary Kent**

8:00 a.m. - 11:00 a.m. | Mandatory | 3 CEUs

According to Rule 12, Professional Surveyors have a distinct responsibility to search for the controlling physical monuments necessary to perform a boundary survey. If those corners are not found, the surveyor must search for and locate monuments that reference missing control monuments, monuments that substantiate control monuments that have been obliterated, and other monuments that are necessary to the survey. When it comes to perpetuating any of those missing monuments, Section 30 of Rule 12 outlines in detail the specific steps that must be undertaken. What does all of this mean specifically on any given boundary survey? This program will answer that question by exploring various scenarios and a variety of examples to encourage dialogue with the audience.

### **Remedies to Resolve Property Line Problems**

**John Stahl**

8:00 a.m. - 11:00 a.m. | Elective | 3 CEUs

Surveyors are often the first to discover a boundary problem. When the surveyor discloses the problem and walks away, what other remedies are available to the surveyor? What knowledge, skills and expertise can the surveyor bring to the resolution table? We will discuss the various remedies that can be used to deal with property line problems, whether caused by a failure in the title documentation or a failure in the boundary's location. We will discuss the surveyor's role in applying the laws designed to assist in the resolution process from mediation to litigation.

### **What is the Future of the Professional Surveyor?**

**Tony Gregory**

8:00 a.m. - 11:00 a.m. | Elective | 3 CEUs

Many developments over the past few decades have caused significant change in the land surveying profession. These developments include major advancements in technology, increased requirements for professional licensure, and a decline in the availability of land surveying programs at colleges and universities, among others. As a result, the workforce entering surveying at both the professional and technician level has been declining for several years. Other professions appear to be encroaching into what has traditionally been perceived to be the territory of the land surveying profession.

It is time for the land surveying profession to begin defining how the profession will sustain over the next couple of decades. Hopefully, this will be embraced by the profession as opportunities for growth rather than just defending turf.

### **Technician Track: The Connected Surveyor**

**Shane Turay & Ryan Swingley**

8:00 a.m. - 11:00 a.m. | Elective | 3 CEUs

The past year has taught us more about communicating and collaborating as a team while being physically apart. Video conferencing apps like Teams, Facetime, and Zoom have kept us connected during these unprecedented times. While many people are ready to get back to normal, the use of these tools has presented a unique opportunity for the licensed surveyor to virtually mentor their field staff while remaining in the office. In this session, we will discuss how technology will be used to build a solid and educated field staff by providing real-time feedback and insights to your field crews.

**11:00 a.m. - 12:00 p.m. | Lunch**

**12:30 p.m. - 12:30 p.m. | Foundation Raffle Drawing**

### **ALTA/NSPS Land Title Surveys for Field Technicians**

**Gary Kent**

12:30 p.m. - 3:30 p.m. | Elective | 3 CEUs

This program emphasizes the field aspects of performing a 2021 ALTA/NSPS Land Title Survey. All aspects of the standards that relate to tasks in the field are reviewed in order to achieve a goal of helping field technicians understand the specific purposes of an ALTA/NSPS Land Title Survey. It is important that they can put the various requirements in context so they can best meet the needs of the title company, lender and client.

# ISPLS 2022 CONVENTION REGISTRATION FORM

## General Information

Registration can be made several different ways. The easiest and most convenient way is online through the ISPLS website at [www.ispls.org/2022](http://www.ispls.org/2022). Registration forms can also be mailed, emailed, or faxed to the address or number below. For multiple registrants, please make copies of this form or contact ISPLS for additional forms.

### Indiana Society of Professional Land Surveyors, Inc.

3502 Woodview Trace, Ste. 300, Indianapolis, IN 46268  
P: (317) 454-8309 Fax: (317) 280-8527  
Email: [info@ispls.org](mailto:info@ispls.org)  
Web: [www.ispls.org](http://www.ispls.org)

Registrations received after December 17, 2021 (including walk-ins) will include a **\$50 late fee**, and will be accepted based on available space. A refund of 90% of the registration fee will be given to those refund requests received on or before January 7, 2022. **After January 7, no refunds will be made.**

**No online registration will be accepted after January 7.** After January 7, registration will be at the door and dependent upon the availability of seating.

The **FULL REGISTRATION FEE** for the convention includes all handouts delivered electronically, refreshment breaks, two luncheons and the awards banquet. The **ONE-DAY REGISTRANT FEE** includes handouts and luncheons for the day registered.

**Convention Handout Material:** To reduce the cost of printing, ISPLS will make all program material available online through the ISPLS website and the ISPLS app to individuals registered for the convention.

## ACCOMODATIONS

Marriott East Indianapolis  
7202 East 21st St  
Indianapolis, IN 46219

## Room Rates

Single Occupancy: \$119

## Reservations

### Online Reservation Link

**To make a reservation, use the online reservation link or call 317-352-1231 and mention the Indiana Society of Professional Land Surveyors 2022 Convention. Reservations must be received on or before Tuesday, December 29, 2021 or until the room block is full.**

### STATEMENT ON COVID-19 PROTOCOLS:

ISPLS will follow all recommended local, state and federal protocols in place at the time of this event to maintain maximum social responsibility. All protocols in place will be communicated to attendees in advance of the event and strictly enforced throughout the event.

**Please select sessions you plan to attend on the reverse side of this form.**

**REGISTER ONLINE AT [WWW.ISPLS.ORG/2022](http://WWW.ISPLS.ORG/2022)**

Name: \_\_\_\_\_

Name to appear on badge: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

## PLEASE CHECK AN ATTENDANCE OPTION:

Registration Type	Fee
Full Registration	\$385
Student Registration (Full Time)	\$40
One-Day Registration	\$265
Additional Awards Banquet Tickets	\$50/each

Subtotal: \_\_\_\_\_

On/After December 18, 2021 - Add \$50 Late Fee: \_\_\_\_\_

Non-Members - Add \$200 Fee: \_\_\_\_\_

Firm Members - 20% Registration Discount: \_\_\_\_\_

(Full: save \$77; One-Day: save \$53)

**TOTAL AMOUNT ENCLOSED: \$\_\_\_\_\_**

Please make check payable to: ISPLS, Inc. or  
Indiana Society of Professional Land Surveyors, Inc.

We accept: Visa    MasterCard    Discover    AMEX

Card Number: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Exp. Date: \_\_\_\_\_ / \_\_\_\_\_ Security Code: \_\_\_\_\_

Name on card: \_\_\_\_\_

Card Mailing Address if different from above:

\_\_\_\_\_

\_\_\_\_\_

(City, State, & Zip)

Cardholder's Signature: \_\_\_\_\_

# ISPLS 2022 CONVENTION REGISTRATION FORM

Please select one session per time slot below | E=Elective, M=Mandatory

## Wednesday, January 12

### 1:00 p.m. - 4:00 p.m.

An Ethical Review of the Maxims of Jurisprudence | John Stahl | 3 CEUs (M)

Professional Ethics and the Land Surveyor - Indiana | Tony Gregory | 3 CEUs (M)

### 12:30 p.m. - 3:30 p.m.

ALTA/NSPS Land Title Surveys for Field Technicians | Gary Kent | 3 CEUs (E)

### Dietary Restrictions

Please indicate on the lines below any dietary restrictions for anyone in your party.

## Thursday, January 13

### 8:00 a.m. - 3:30 p.m.

Easements and Rights of Way | Gary Kent | 6 CEUs (E)

So, You've Discovered a Conflict. Now What? | John Stahl | 6 CEUs (E)

Revisiting Legal Descriptions | Tony Gregory | 6 CEUs (M)

### 8:00 a.m. - 11:00 a.m.

General Land Office - Surveyor Field Notes Mapped by Township in GIS: Newly Discovered Original Notes | Lorraine Wright | 1.5 CEUs (E)

How can GIS and IGIC Help You? | Trohn Enright-Randolph | 1.5 CEUs (E)

### 9:30 a.m. - 11:00 a.m.

Dig Law: A Surveyor's Liability | Steve Baker | 1.5 CEUs (E)

### 12:30 p.m. - 2:00 p.m.

Right of Way Plan Development | Don West | 1.5 CEUs (M)

### 2:00 p.m. - 3:30 p.m.

Bentley OpenRoads Designer (ORD) for Right of Way Engineering and Asset Management at INDOT | Derek Fuller | 1.5 CEUs (E)

## Friday, January 14

### 8:00 a.m. - 11:00 a.m.

Corner Perpetuation on Boundary Survey | Gary Kent | 3 CEUs (M)

Remedies to Resolve Property Line Problems | John Stahl | 3 CEUs (E)

What is the Future of the Professional Surveyor? | Tony Gregory | 3 CEUs (E)

The Connected Surveyor | Shane Turay & Ryan Swingley | 3 CEUs (E)