

## ABOUT US

ESRA is a multi-disciplinary international consultancy offering global services and proprietary technologies in transportation, energy, security, and the environment.

ESRA consists of an outstanding and independent group of engineers, scientists, and contractors.

ESRA was founded as Environment, Safety, and Risk Associates. In May 2004, the company was renamed ESRA Consulting Corporation to reflect its expanding interests and specialties.

At ESRA, we take pride in shaping the environment. Our work is centered on the richly defined elements of land, water, transportation, and subsurface structures.

## ESRA TODAY

ESRA provides proprietary truck lane designs, pavement damage software, and automated driver's license tests, transportation screening tests, simulations, and systems.

We understand the unique needs of clients. Our accomplishments headline the media and are recognized as prestigious award nominations, most recently through the United States Federal Highway Administration.

ESRA has an impressive track record for engineering excellence and publication.

At ESRA, our clients constitute some of the largest government agencies.

At ESRA, our findings shape national and international policies and procedures. Our designs enhance the environment. Our efforts set the standards for other projects. Our team improves safety and security.

Let ESRA services provide your solutions today.



**ESRA Consulting Corporation**  
**1650 South Dixie Highway**  
**Third Floor**

**Boca Raton, Florida 33432**  
**USA**

**Phone 1+561+361-0004**

**Fax 1+520+844-8555**

**contacts[at]esracorp.com**

**www.esracorp.com**

# ESRA Consulting™ Corporation

**Corporate Brochure**



**IMPROVING SAFETY.  
IMPROVING SECURITY.  
IMPROVING LIVES. NOW.®**

## TRANSPORTATION

The **ESRA** Team understands the challenges of quality transportation engineering design and planning. **ESRA** offers engineering innovation as these relate to research, design, and development of high-quality transportation products and services. These include but are not limited to unparalleled expertise and originality in truck lanes, transportation agency license tests and systems, and pavement damage estimation and mitigation.



## NUCLEAR WASTE

The **ESRA** staff offers numerous years of specialized nuclear waste consulting experience, specifically national and international approaches to nuclear waste disposal, Waste Isolation Pilot Plant, Yucca Mountain, probabilistic seismic (earthquake) assessments, hydrologic and geologic studies, quality control, waste transportation, waste configuration, storage, mining safety, and tribal issues.

Two **ESRA** Team members have authored several books on many of these subjects, currently pending publication.

## EXPLOSIVES

**ESRA** provides training and consulting as these relate to transportation, classification, storage, safety, and setup of explosive materials.

## FUEL

**ESRA** provides gasoline and fuel assessment reports, surveys, price analyses, threat assessments, and disaster preparedness.

## TRAINING

**ESRA** offers one of the largest and broadest selections of training courses. Distance learning modules (CD-ROM, web, etc.) are currently underway for our curricula. We also offer comprehensive training and certification in various transportation, homeland security, explosives, and safety topics.

Government agencies rely on **ESRA** for their customized training requirements.

## SURVEYS

**ESRA** offers outstanding experience in survey development, design, implementation, response rate, and publication.

## FIRE ASSESSMENT

**ESRA** offers site visits, code review evaluations, and fire model simulations of worst-case scenarios of national and international structures.

## OUR CLIENTS

Some current and recent clients of **ESRA**:

- Arizona Department of Transportation
- Arizona Motor Vehicle Division
- Vermont Agency for Transportation
- Federal Highway Administration
- Lawrence Livermore National Laboratory
- University of California/
- United States Department of Energy
- Wyoming Department of Transportation
- Florida Highway Safety and Motor Vehicles
- Vermont Department of Motor Vehicles
- Florida Division of Driver Licenses
- Wyoming Highway Patrol
- Arizona Department of Commerce
- Northrop Grumman



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E-mail:

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Web: [www.esracorp.com](http://www.esracorp.com)