

Closing Remarks/Next Steps/ Adjournment



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Next Steps

- **REMINDER: All presentations to be posted shortly at:**
<https://primis.phmsa.dot.gov/rd/workshops.htm>
 - All registered attendees will get an email on where to find forum files
- **The forum output will provide insight to future solicited research**
- **Solicitations will be released in both:**
 - <https://beta.sam.gov/> for the CORE Program Spring 2020 Based on the forum
 - <https://www.grants.gov> for CAAP February 2020
 - So get registered and be prepared!



Submitting Research Gap Ideas

Anyone, Anywhere and Anytime via <https://primis.phmsa.dot.gov/matrix/>

PHMSA
U.S. Department of Transportation
Pipeline and Hazardous Materials
Safety Administration

Pipeline Technical Resources
[Return to Pipeline Safety Community](#)

Home	Alt MAOP	Cased Crossings and GWUT	Class Location	CRM	DIMP	GT IM	HL IM	High Volume EFV
Low Strength Pipe	LNG Facility Siting	OQ	Pipeline Construction	Public Meetings	R&D	RMWG	Underground Natural Gas Storage	

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Research & Development: Identifying Pipeline Safety Research Gaps

Submit Research Gap Suggestions by [following this link](#).

1. BACKGROUND

The Department of Transportation's (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA) sponsors Research & Development (R&D) projects focused on providing technological and knowledge solutions that will increase the safety and reliability of the Nation's pipelines. Historically, research gaps are identified and road mapped at public events, held periodically as funding and program actions allow. Although hundreds of attendees usually participate at each event, many stakeholders cannot attend since they either don't have the means or availability.

PHMSA is using this Special Notice to solicit research ideas on a year-round basis to reach the widest set of stakeholders and identify a larger more diverse portfolio of research. The input from this Special Notice will also generate a pool of research ideas for potential future research solicitations.

PHMSA will use submitted research gaps to formulate a research strategy for its Pipeline Safety Research Program.

2. RESEARCH PROGRAMMATIC AREAS/ELEMENTS

The Pipeline Safety Research Program organizes program planning, execution, and tracking around the following subject areas.

Threat Prevention

This area addresses excavation activity damage prevention to all pipeline types and improving sub-surface locating/mapping. Research also addresses preventing or monitoring for other threats whether they are coming from corrosion, outside force damage, etc.

Leak Detection

Research in this area addresses leak detection or monitoring on hazardous liquid and natural gas pipelines, including sub-surface, surface, and airborne-based sensors and deployment platforms. Research also addresses approaches to lessen release volumes from leak/rupture incidents.

Anomaly Detection/Characterization

This area aims to improve the capability to identify and locate critical pipeline defects, and to characterize the severity or interacting nature of such defects. Research in this area includes solutions from within or outside the pipe.

- Regulations
- Advisory Bulletins
- Interpretations

Research & Development Program
Server Version: 3.00.112 Server Time: 01/29/2020 03:04 PM UTC User: Robert Smith

Research Gap Suggestions

Pipeline Safety Gap Suggestion Form

Name of Person Submitting: Email of Person Submitting:

Email address will be used by PHMSA only for verification and follow-up purposes, and will not be released to the public or any other organization.

Stakeholder Type:
[select from choices below]

Gap/Project Title (required):

Main Objective Statement (required):

Identify Major Scope Items for Investigation:

Identify Relevant Subject Matter Experts, Stakeholders, or End User Involvement suggested in Project Scope:

Cost Estimate: Time Estimate (months):

PHMSA Program Element:
[select from choices below]



Thanks to the Organizers!

- **The 2020 R&D Forum Steering Committee**
 - PHMSA
 - American Gas Association
 - American Petroleum Institute
 - American Public Gas Association
 - Interstate Natural Gas Association of America
 - National Association of Pipeline Safety Representatives
 - Northeast Gas Association/NYSEARCH
 - Operations Technology Development
 - Pipeline Research Council International



Thanks to the Participants!

- **The Key Challenges Speakers**
- **The CAAP Universities, the students and faculty**
- **Working Group Leaders**
- **PHMSA Technical Reps in the working groups**
- **Young Pipeline Professionals**
- **Working Group Presenters**
- **Janice Morgan & Shana Wright for on-site support**



Thank You Audience/Safe Travels!

- To all of you for your time and effort!
- We are together making a difference!
- Safe travels going home!

