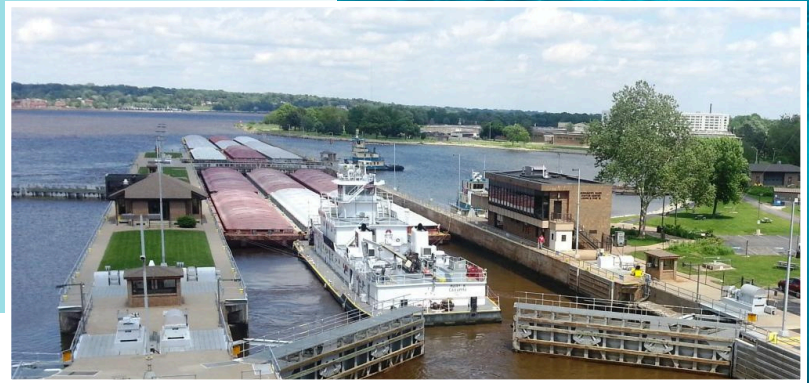


Submerged Infrastructure Inspection Challenge

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Challenge Overview

The Submerged Infrastructure Inspection Challenge is seeking field-ready technologies that can inspect submerged lock infrastructure without dewatering. Solutions should provide high-resolution, actionable insights on underwater concrete and steel components to support future maintenance planning. Strong candidates may include companies and teams working in underwater imaging, robotics, sensing, marine operations, and related data-collection technologies that can assess submerged infrastructure without dewatering.

The challenge includes two phases. In **Phase 1**, participants submit applications describing their technology and capabilities. Up to eight finalists will advance to **Phase 2** for live demonstrations at a designated lock site in **July 2026**.

U.S. Army Engineer Research and Development Center (ERDC) is looking for practical inspection solutions that can operate in real-world underwater conditions and help engineers identify structural issues while infrastructure remains submerged and in service.

Advancing proven underwater inspection technologies for smarter lock maintenance.

- **Phase 1:** Applications describing the technology and capabilities are due **June 12, 2026 at 8 PM ET**.
- Up to 8 finalists will each receive a **\$10,000** prize and advance to the live Demonstration Event.
- **Phase 2:** Finalists will demonstrate their technology at a designated lock site in July 2026 ahead of a scheduled dewatering inspection.
- The Grand Prize winner of the Demonstration Event will receive **\$150,000**.

Join our **Slack workspace** to find a team, connect with other teams, share resources, and ask questions. <https://bit.ly/4nLKwPT>

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Learn more

Scan the QR code to **register & learn** more about this transformative challenge and how you can make a lasting impact.

