

## WORKSHOP

# Regional Best Construction Practices for Beneficial Use of Dredged Material

March 14 - 15, 2024

*The Ritz Carlton Cleveland,  
Cleveland, Ohio*



*Held in conjunction with  
Western Dredging  
Association Midwest  
Chapter Meeting*

<https://www.western-dredging.org/index.php/regionalchapters/midwest-chapter>

## Agenda

*Thursday March 14, 1:00 - 5:00*

- **BU applications**
- **BU construction challenges**
- **Innovative construction techniques**

*Friday March 15, 8:00 - 11:00*

- **Existing guidance**
- **Research needs and opportunities**

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*Please send us  
an email to let  
us know you  
are planning to  
attend!*



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## Regional Best Construction Practices for Beneficial Use of Dredged Material

This is the **fourth of four regional workshops** being conducted to create a nationally relevant report that details the state of the science of BUDM construction and proposes a research path to help achieve the USACE goal of 70% BU by the year 2030.

The **purpose** of the workshop series is to initiate the research and development of innovative construction technologies and practices for expanded BUDM. The workshop seeks input from industry, consulting and USACE concerning existing technologies and practices, challenges, and how R&D may be successfully implemented to improve the state of the science of BU construction.

Workshop discussion topics will cover a broad range of challenges and environments, including but not limited to:

### Challenges

- Containment
- Sediment transport/distribution
- Debris management
- Placement on slopes
- Placement in shallow water or low trafficability areas
- Rehandling and dewatering
- Hitting target elevations
- Incorporating design features – circulation channels, habitat, vegetation, substrate
- CDF Reclamation
- Regulatory and contracting

### Equipment

- Dredges
- Pumps
- Dewatering
- Vehicles/vessels
- Pipelines
- Instrumentation

### Environments

- Nearshore
- Wetlands
- Upland

*Attendees will have opportunity to share their experience with beneficial use construction. Feel free to bring slides to share your projects that demonstrate unique challenges or innovative techniques. These can be emailed to the POCs ahead of time or brought to the workshop.*

Results from the regional workshops will be compiled into a USACE report describing the state of the science and outlining a research plan to further improve beneficial use construction practices.



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