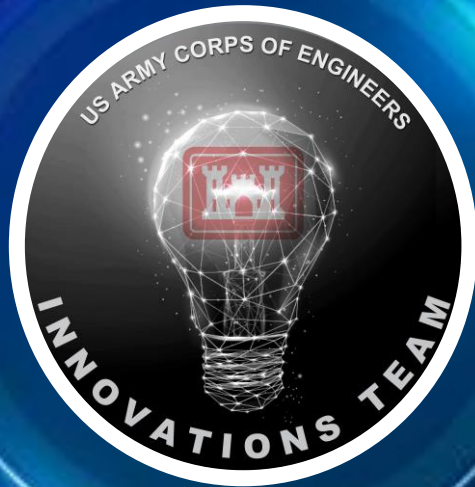


USACE NATIONAL NRM INNOVATIONS TEAM



5.19.2022

An Hour to Innovate!

3pm EST / 2pm CST

Your hosts this week:

Jason Knight, NRM IT Lead

Abby Jones, NRM IT Lead



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Individual Districts will be responsible for paying employee labor while participating in this call.

Season 6 in review:

SWOSU Fall Class

Virtual Innovations Summit

ERDC Innovations Summit

UC Davis Partnership Bust

SWOSU Fall Class Graduation

Innovations Workshop #2
(Virtual)

SWOSU Spring Class
Presentations

Emporia State University Class
Presentations

Public Lands Alliance Conference
(St. Louis)

Innovations Workshop #3
(SWOSU, Weatherford, &
Virtual)



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**USACE NRM
INNOVATIONS
TEAM**



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Team Charter Approved by USACE HQ
1-1-2022.

Announcement came out Nationally on
March 17, 2022.

Roseanna Burick HQ Proponent for team.

Model and Team dynamics remain mostly the
same.

Team now split into 2 teams:

- Leadership Team (12 Members), 1 per MSC, 3 at large, and 1 HQ.
- General Team Members, max 3 per district. (46 Team Members)

NEW INNOVATIONS:



Caching Wildlife App

Team Lead: Kara Blomgren (LRH)

Notes: Developing through GIS

Pilot Locations: Alum Creek Project

Path Forward: Continue to Season 7



Corps Marketplace

Team Lead: Alex Stevenson (LRP)

Notes: Working with Logistics on Version

Pilot Locations: Unknown

Path Forward: Continue to Season 7



USACE Lake Water Widget

Team Lead: Justin Anderson (SWT)

Notes: SWOSU & Water Man. on Data Feed

Pilot Locations: Lake Texoma

Path Forward: Continue to Season 7



Self Service Kiosks

Team Lead: Brian Turner (MVS)

Notes: Working on Design and Capabilities

Pilot Locations: Unknown

Path Forward: Continue to Season 7



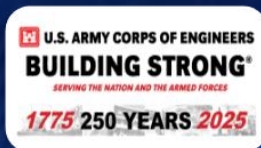
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CONTINUED INNOVATIONS:



Project 2025

Team Lead: Kat Pavilillo (SAS)

Notes: White Paper, Pam for Passes, VR/Trunk

Pilot Locations: None Expected

Path Forward: Continue to Season 7



Self-Reporting Traffic Meters

Team Lead: George McBroom (SAM)

Notes: Meter Study (April), Data Collection

Pilot Locations: SAM (1) & SWT (3)

Path Forward: Continue to Season 7



Sign Manager App

Team Lead: Matthew Cihaski (MVR)

Notes: Sign Group rolling into new system

Pilot Locations: Various Locations

Path Forward: Working with SAWG



Interpretive Contacts Counter

Team Lead: Brad Arldt (SWF)

Notes: SWOSU fixed email issues, ready

Pilot Locations: None, needs to be product

Path Forward: Done, hope HQ picks up.



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CONTINUED INNOVATIONS:



PARCS (Park and Rec Comment System)

Team Lead: Natalie McCormack (NAE)

Notes: GIS platform, target Feedback

Pilot Locations: Multiple Locations

Path Forward: Continue to Season 7



Virtual Reality App

Team Lead: Tonya Combes (SWT)

Notes: SWOSU almost done with App, in VC's

Pilot Locations: Multiple Locations

Path Forward: Continue to Season 7



USACE Volunteer App and Tracker

Team Lead: Nicole Govan (LRP)

Notes: added new features and capabilities

Pilot Locations: Multiple Locations

Path Forward: Continue to Season 7

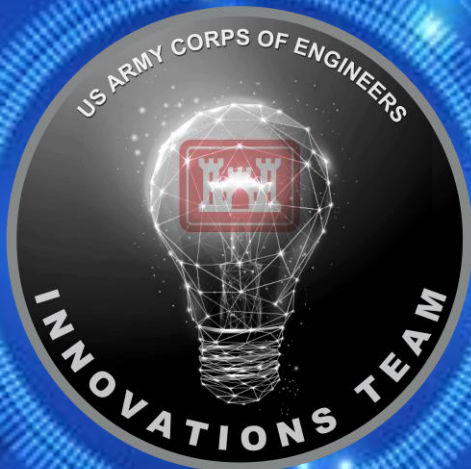


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INNOVATIONS FOR VISITOR CENTERS:



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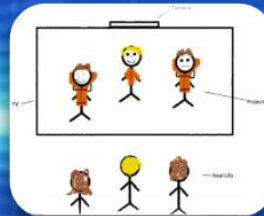
Digital Guestbook

Team Lead: Abby Jones (SWT)

Notes: both universities, WIFI Issue.

Pilot Locations: Any who want to.

Path Forward: Continue to Season 7



Augmented Live Screen Reality

Team Lead: Bill Schmidt (MVS)

Notes: both universities, WIFI Issue.

Pilot Locations: Any who want to.

Path Forward: Continue to Season 7



Park Ranger Holograms

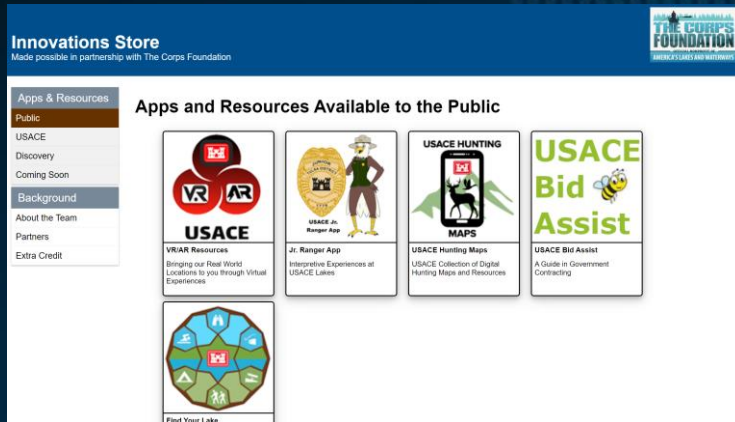
Team Lead: Jason Knight (SWT)

Notes: Looking for Resources/Partners

Pilot Locations: Any who wants to.

Path Forward: Continue to Season 7

INNOVATIONS SPOTLIGHTS



Season 6 Update Coming Soon to the Innovations Store with new products and prototypes.

Abby Jones, one of our Innovations Team Leadership members won "USACE Agency Leadership Award" at the National Public Lands Alliance Conference. Awards Ceremony was virtual due to COVID concerns.



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Lock 18 "Innovations" Visitor Center, where team pilots all Innovations, is up and running for the public.

Andrew Huddleston, our Innovations Team Northwest Division Representative, won a Commanders Award for Innovations due to his participation on the team and advocacy for the program through the Northwest Division.



Partners in Innovations ...



- 8th SWOSU Capstone Class (Spring 22)
- 17 Students working on 5 Innovations
- Created an Innovations Lab there for us on Campus to meet in.
- Total Hours: 21,532
- Total Innovations Worked on: 23
- Total Overall Value: \$614,523.28



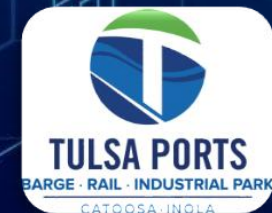
- Funding Cellular for two of our Self-Reporting Traffic Meters during 2-year pilot (Canton Lake & Big Hill Lake) : \$560.00
- Working on Apple Developer Account so we can place Apps on the Apple Store.



- 1st Capstone Class (Spring 22)
- 4 Students working on 2 Innovations
- Total Hours: 776
- Total Innovations Worked on: 2
- Total Overall Value: \$22,147.04



- Still talking partnering with Engineering Class, Software Design Class, and classes within the Computer Science Department.



- Up to \$5,000 per year to spend on VC Upgrades.
- Purchased Go ProMax Camera as a joint asset for the Tulsa Ports and the Innovations Team for 360 and VR experiences to the VC: \$500.00

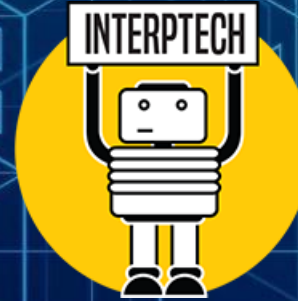


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Innovations Going Forward ...

MAY 1st = End of Season
Pilot Deadline!



Technology
Evolved
April 25-28
Virtual



SWOSU Spring
Capstone Class
Graduation!

Thursday April 28



ESU Spring
Capstone Class
Graduation!

Thursday May 10



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USACE NATIONAL NRM INNOVATIONS TEAM



Roseanna Burick	HQ USACE Proponent
Jason Knight	(SWT) –Indefinite
Abby Jones	(SWT) – At Large
Andrew Ray	(MVS) – At Large
Francesca Gillion	NAD Representative
Nicole Govan	LRD Representative
Vacant	SAD Representative
Shawna Polen	MVD Representative
Brooke Thomason	SWD Representative
Carla Robinson	SPD Representative
Andrew Huddleston	NWD Representative
Jill Davis-Belanger	POD Representative



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Questions?

Need More information?

?



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