

MARCH 2025 MEETING ANNOUNCEMENT

This month we will be hearing from:

Bruce Kraselsky

Title:

Advancing 3D Concrete Printing for a Self-Sufficient Construction Ecosystem in Alaska



Bruce Kraselsky, CEO, X-Hab 3D

Speaker Bio

Bruce Kraselsky is a serial entrepreneur with over 30 years of experience founding and scaling technology-driven ventures across aerospace, telecommunications, and advanced manufacturing. As CEO and Co-Founder of X-Hab 3D, he is leading the development of mobile, ruggedized 3D concrete printing (3DCP) systems built for extreme environments, including remote regions of Alaska. Among his 7 previous entrepreneurial ventures, he co-founded Pacific Dataport, Inc., helping to bring affordable satellite broadband to Alaska, and played a key role in establishing what is now Alaska Aerospace, launching commercial and government rockets to space from Poker Flat and Kodiak. Today, he is focused on building a self-sustaining 3DCP ecosystem in Alaska in collaboration with Xtreme Habitats Institute, Local 528, the University of Alaska Fairbanks, AHFC, and other stakeholders to develop locally sourced materials, workforce training, and scalable construction solutions.

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Abstract of Presentation

Alaska's housing and infrastructure challenges—high costs, labor shortages, short build seasons, and reliance on imported materials—demand a self-sustaining construction ecosystem. 3D Concrete Printing (3DCP) offers a path forward, automating construction, reducing labor demands, and enabling rapid, remote builds. However, its success hinges on locally sourced concrete mixes, not costly imports. X-Hab 3D's mobile, ruggedized, self-powered 3DCP system is designed for extreme environments and is part of a broader effort to develop a scalable, Alaskan-led solution. This presentation explores where 3DCP can help, where it has limitations, and how X-Hab 3D is collaborating with Alaskan stakeholders to create a supply chain for locally sourced materials, train a skilled workforce, and scale 3DCP across the state.

WHEN: **March 12, 2025 1200 - 1300**
WHERE: **Mat-Su College, Room JKB 108***
LUNCH: **\$10 for PIZZA****

*We have a room change and will be meeting in room JKB 108 instead of JKB 128.

**Bring a friend who hasn't attended within the past six months and lunch for you and your guest are on ASCE.

