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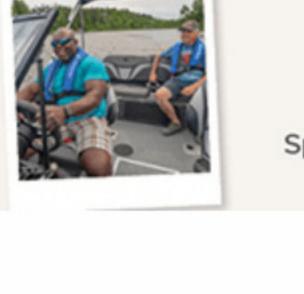
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The Early Bird gets the worm. And that means more time with my friends.



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where Eurasian watermilfoil occurs in lakes Milfoil was introduced into the Okanagan Valley lake system some 40 years ago

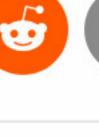


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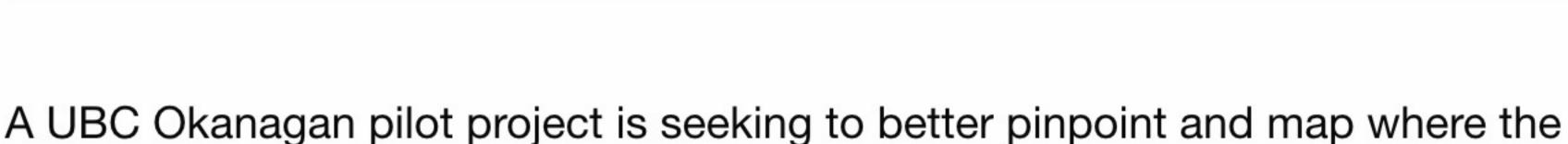




within the Okanagan Valley watershed.

BARRY GERDING / Dec. 3, 2022 8:00 a.m. / NEWS





If this pilot project proves successful, it could become a blueprint for other jurisdictions to follow in their own battles with this aquatic plant or other

invasive aquatic species, says UBCO assistant professor Mathieu Bourbonnais.

beginnings of Eurasian watermilfoil (EWM) infestation occurs in the large lakes

The data modelling prototype is using the technology of topobathymetric lidar,

land, water and submerged land up to 20 metres below the water surface -

Board's Euroasian watermilfoil harvest program, which currently is about an

\$800,000 a year initiative to try and control the growth and limit the damage of

Bourbonnais, with the Irving K. Barber Faculty of Science, is overseeing the

project with the assistance of masters graduate student Mackenzie Clarke.

using airborne laser-based infrared imagery sensors. Bourbonnais says being able to better identify potential or small milfoil patches will give better control management tools for the Okanagan Basin Water

the science of simultaneously measuring and recording three distinct surfaces -

the invasive water plant. It could also potentially target specific watermilfoil growth sites before they grow out of control near valley lake areas deemed sensitive by Environment Canada for the preservation of the Rocky Mountain Ridge Mussels.

since it was introduced into the Okanagan Valley lake system some 40 years ago. It has also illustrated to the water board the need to be stringent when trying to

avoid the Zebra and Quagga mussels from being introduced into the lake

He said EWM has been a formidable invasive aquatic plant species to control

Like watermilfoil, there is no solution for removing the mussels once they are introduced into a lake system. It is a rooted submerged plant inhabiting the shallows waters of lakes across North America.

EWM originated from Asia, Europe and Northern Africa and has spread rapidly,

introduced in North America from the ballast water of ships or aquarium

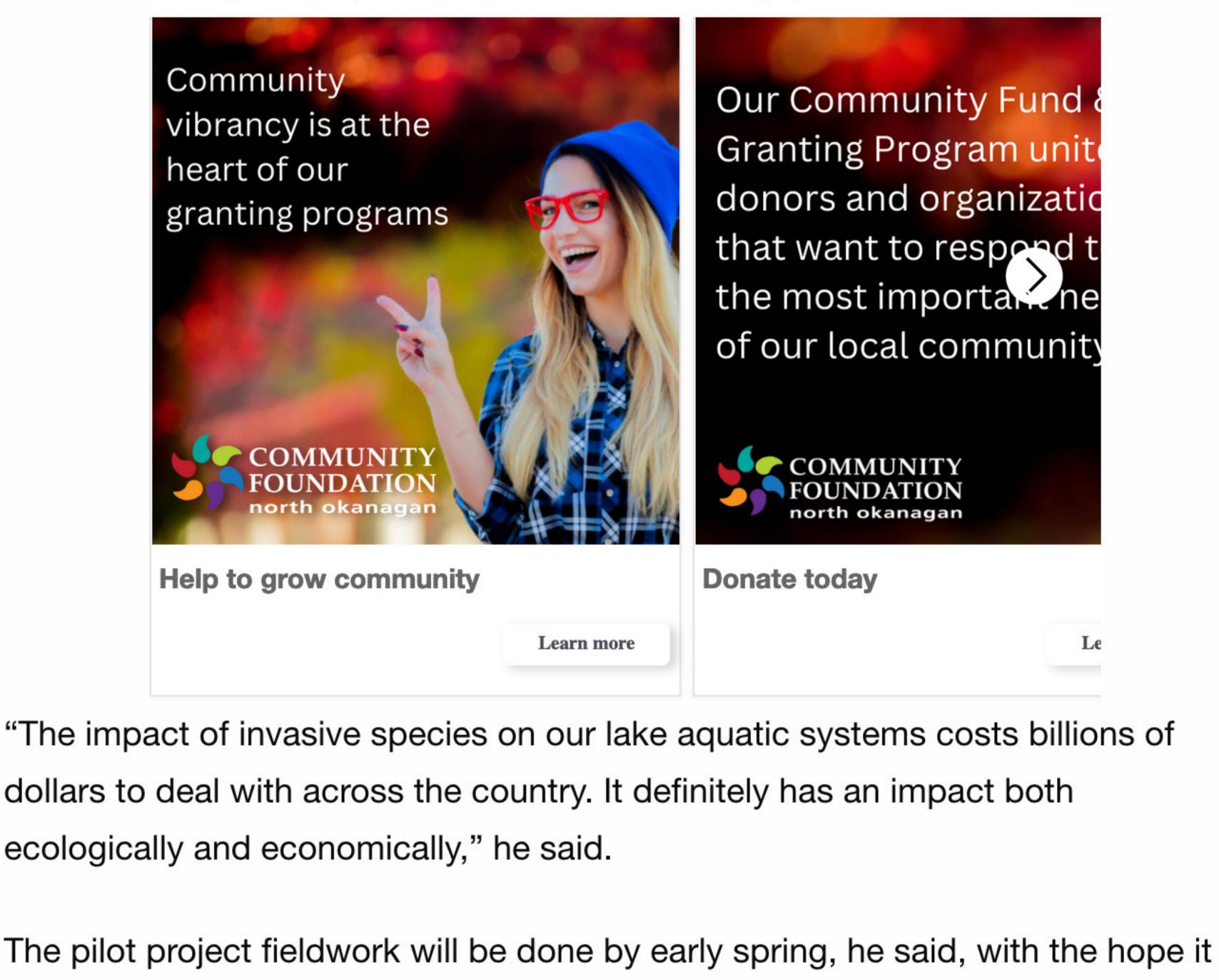
Bourbonnais said a lake choked with watermilfoil growth impacts the

Sponsored by Community Foundation North OK

funding to help organizations address current and changing issues.

biodiversity and food webs reliant on the lake habitat, alter the water temperature and impacts its recreational use for swimmers and boaters.

Community Foundation North Okanagan recognizes the importance of flexible



permit application process next year. "The goal is the Okanagan Basin Water Board can take the data generated from this research model and liaise with the province and federal government

provides data upon which to target areas for harvesting leading up to the

"We hope it can help the management strategy of where to send the lake rototillers to pull up the plants."

on how to go forward," he said.