



**Science Outreach – Athabasca
presents...
THE WORLDS LONGEST RUNNING
BALD EAGLE MONITORING
PROGRAM: BESNARD LAKE,
SASKATCHEWAN 1968 - 2021**



**Speaker: Dr. Elston Dzus,
Biologist**

Date: Wednesday, October 20, 2021

Time: 7 PM

Please join the virtual session below:

<https://zoom.us/j/93228881735?pwd=STIUak9rRGpsLzNLeWRzak1QS1ZGZz09>

Meeting ID: 932 2888 1735 Passcode: 8zz14R

Long-term monitoring is crucial for understanding population dynamics and conservation. We report on trends in population size and reproduction of Bald Eagles (*Haliaeetus leucocephalus*) at Besnard Lake, Saskatchewan, Canada, during 1968-2021. These regional trends in eagle abundance and productivity will be set in the context of continental changes in eagle numbers. Techniques for monitoring eagle populations have involved a variety of techniques varying from aerial (fixed-wing aircraft), boat-based visual observations, climbing of nest trees or adjacent trees, and in the past 5 years we've begun to use drones to assess nest status and productivity (number of young per nest). In 2020 we investigated the relative accuracy, eagle behavioral response and time required to assess reproductive status of Bald Eagle nests using traditional methods (binoculars / tree climbing) compared to the use of drones to check nests. Various anecdotes and aspects of eagle biology that have been uncovered during this long-term study will be highlighted throughout the presentation!



Free community event!

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