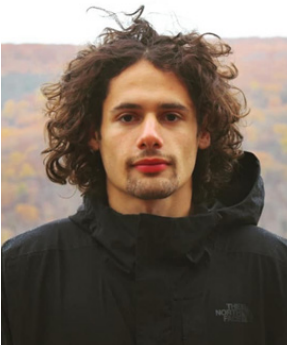


GRADUATE EXIT SEMINAR

LEANDRO MARCOS LESSIN

Factors related to bird-building collisions in Cleveland, Ohio.



In North America, the replacement of green-spaces with human-made structures causes hundreds of millions, if not billions, of avian fatalities every year. Through the continuous increase in urbanization, threats to avian wildlife are exacerbated by a multitude of related factors such as habitat loss, fragmentation, and pollution. Bird-building collisions are an integral component of these threats because they directly cause avian mortality, and it is bound to increase as human populations continue to grow in urban areas. Bird-building collisions account for the largest source of collision mortality, ahead of collisions with windmills, power lines, and vehicles. Cities serve as physical impediments for numerous bird species, as many of these urbanized landscapes are located along important migratory flyways. Consequently, the ubiquity of human-made structures over a landscape, specifically city buildings, creates a major obstacle for birds flying along their migratory routes. Birds play an important role in the proper functioning of ecosystems, and they also play an important role within human societies. Therefore, it is important to explore determinants of bird-building collisions as a means to identify effective mitigation strategies that aim to counter the rapid decline of bird populations.

Advisor: Dr. Stephen Matthews

THURSDAY, NOVEMBER 18, 2021
9:00 A.M.

Join the seminar via Zoom:

<https://osu.zoom.us/j/97280874558?pwd=dW5jUk5VMlhmYnMxdTIRdFpvVDJqdz09>

senr.osu.edu



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

— *We Sustain Life* —

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit cfaesdiversity.osu.edu. For an accessible format of this publication, visit cfaes.osu.edu/accessibility.