

COVID-19 impacts: Brazilian wildlife behavior and the consequences to aviation

Dr. Weber G. Novaes
Scientific Director - ProHabitat



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Guide:

- ✈ **Pandemic effect on wildlife behavior: general aspects**
- ✈ **Aviation x Pandemic x Wildlife**
- ✈ **Numbers of Brazil**
- ✈ **How to manage these challenges?**

Pandemic effect on wildlife behavior

Social Isolation:
Lockdown

A

Consequences and
Environmental
Impacts

C

Reduced Human
Activity

B

Lower Contact
Between Wildlife and
Humans

D





[www.bbc.com > world-52459487](https://www.bbc.com/world-52459487)



Coronavirus: Wild animals enjoy freedom of a quieter ...

29 de abr. de 2020 · Boars were seen snuffling and foraging for food around the city of Haifa before the pandemic, ...



[www.sciencenews.org > article](https://www.sciencenews.org/article)



Why you may be seeing more wildlife during the COVID-19 ...

5 de jun. de 2020 · 5 reasons you might be seeing more wildlife during the COVID-19 pandemic. People are ...



[www.sciencenewsforstudents.org > ...](https://www.sciencenewsforstudents.org/)



Why you're spotting more wildlife during COVID-19 ...

8 de jun. de 2020 · As people have spent more time at home during the COVID-19 pandemic, this spring, ...



[www.downtoearth.org.in > blog](https://www.downtoearth.org.in/blog)



Wildlife during a pandemic: The other side of the coin

29 de jul. de 2020 · Instances of wild animals entering urban landscapes were reported the world over. But was ...



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But how does it impact aviation?





Aircraft on the ground

Wildlife freedom



**What is the impact
on the presence of
wildlife at the
airports?**

**Are there consequences
for wildlife hazard
management?**



Did this happen at
Brazilian airports?

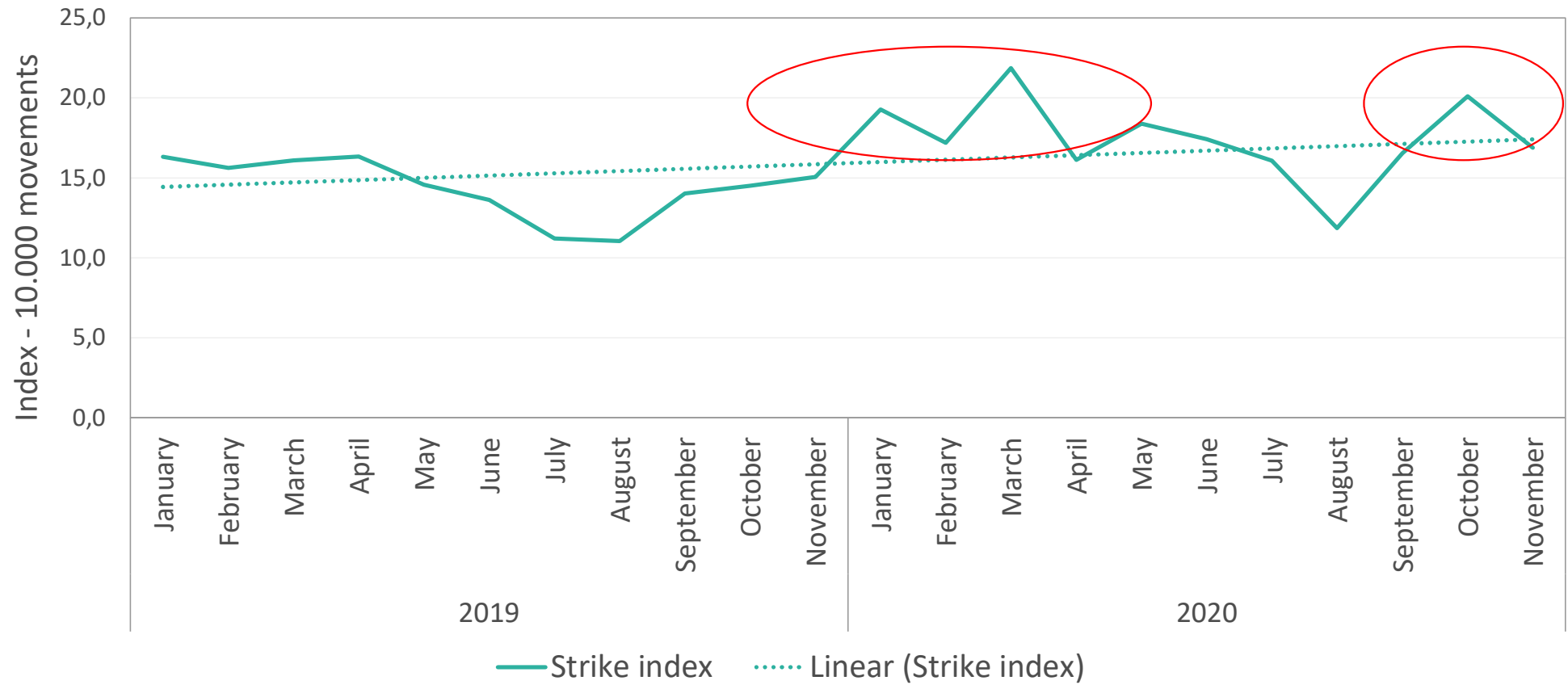




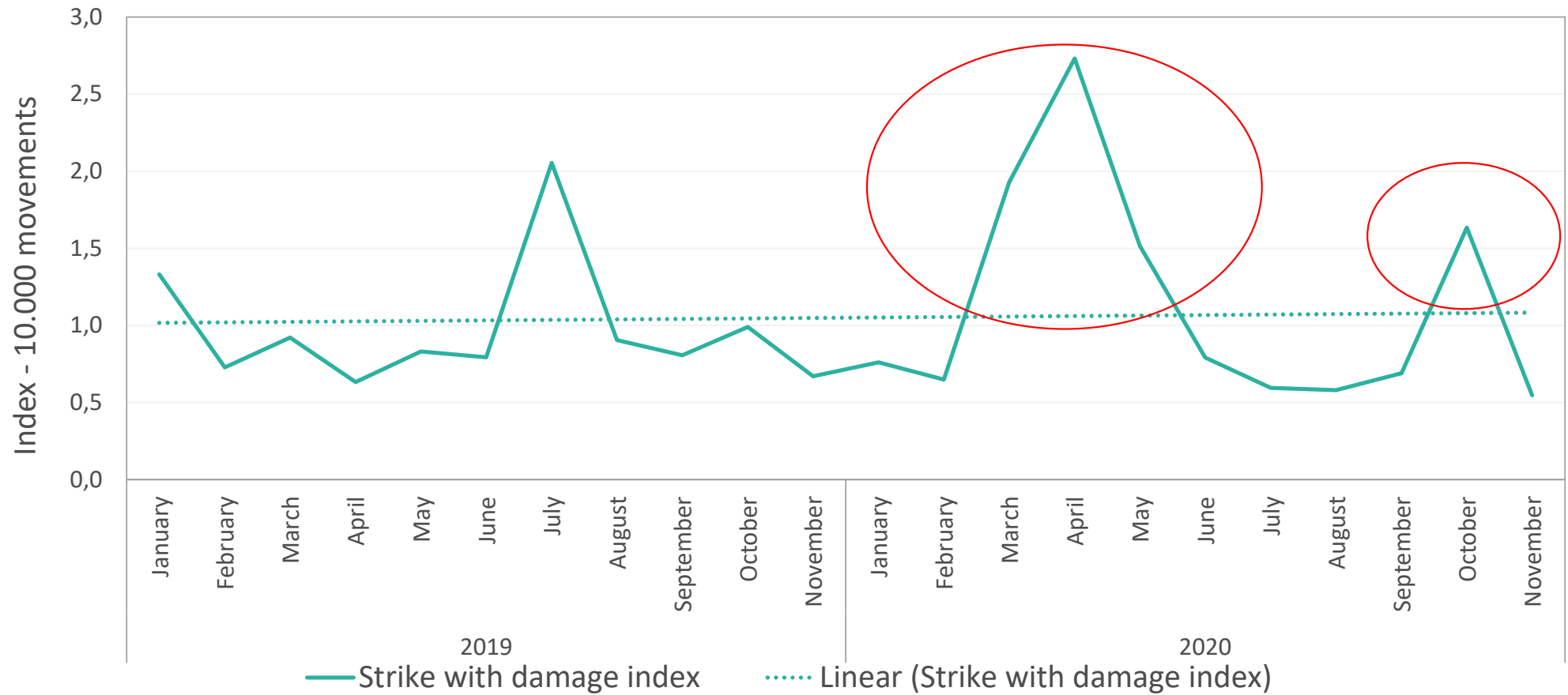
Variation during pandemic



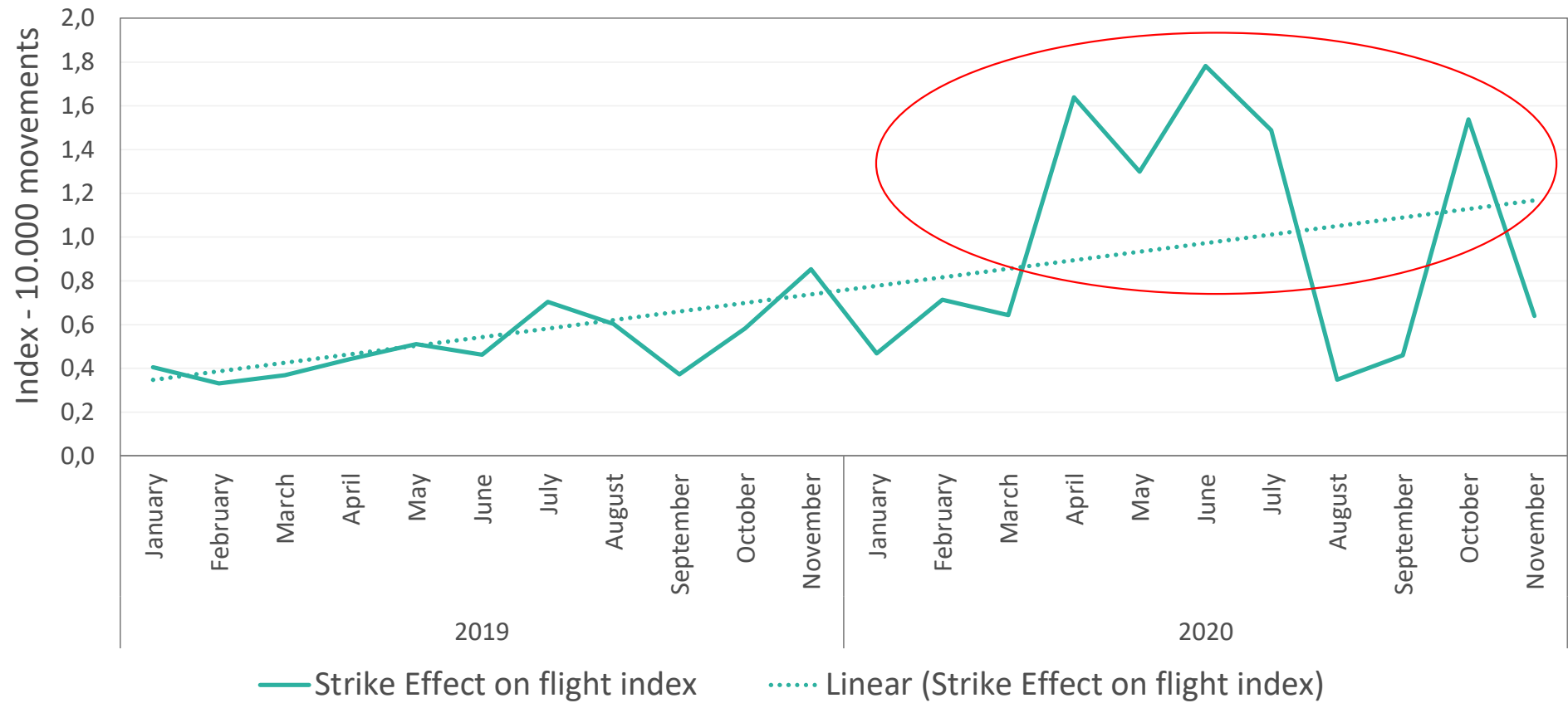
Wildlife Strike Index



Wildlife Strikes with damage



Wildlife Strikes Effect on Flight



What to do?

- ≧ Continue the actions in Wildlife Management Plan
- ≧ Monitor the wildlife, including closed runways – no stop!
- ≧ Survey of possible wildlife attractions
- ≧ Keep or intensify wildlife dispersion



What to do?

- ≧ Train employees to monitoring and dispersing wildlife
- ≧ Give relevance to sighting reports
- ≧ Attention to the maintenance of green areas (grass)

Thank you!

Contacts



webernovaes@prohabitat.com.br
webernovaes@gmail.com



[linkedin.com/in/weber-novaes](https://www.linkedin.com/in/weber-novaes)
[linkedin.com/company/prohabitat-assessoria-ambiental](https://www.linkedin.com/company/prohabitat-assessoria-ambiental)



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