

Video: The secret social lives of sharks

July 24 2023, by Angela Nicoletti



Credit: Unsplash/CC0 Public Domain

Great white sharks gather seasonally around Mexico's Guadalupe Island—and some like to hang out together, according to research led by FIU marine scientist Yannis Papastamatiou.

Getting a rare glimpse of a "day in the life" of these sharks required

some inventiveness. Papastamatiou, Ph.D. candidate Sarah Luongo, undergraduate student Seiko Hosoki and a team of researchers relied on a combination of innovative tracking technology, including a "super social tag" equipped with a [video camera](#), an array of sensors, as well as receivers capable of detecting other tagged sharks nearby. Data showed several [sharks](#) formed non-random social associations and tended to spend time together when patrolling for food.

One of the world's leading shark behavioral ecologists, Papastamatiou has studied the sociality of other shark species and noticed a link between sociality and the ability to take advantage of another shark's hunting success and believes the same thing may be happening at Guadalupe Island.

Provided by Florida International University

Citation: Video: The secret social lives of sharks (2023, July 24) retrieved 28 April 2024 from <https://phys.org/news/2023-07-video-secret-social-sharks.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.