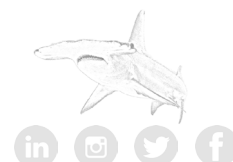


Guido Leurs

Marine Biology & Elasmobranch Ecology

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About me



My work with elasmobranchs (i.e. sharks and rays) started off as passion when I was young. Inspired by documentary movies, books and papers I set out to discover what intrigued me about this species group. At this stage I am interested in the functional roles that these animals play in a variety of ecosystems, and how anthropogenic stressors might affect them. In addition, I also enjoy communicating about my projects!

Skills

Informatics & Statistics

R environment	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Statistical models	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
SPSS	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Matlab	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
ESRI ArcGIS	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
QGIS	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Adobe Photoshop	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Adobe Illustrator	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Adobe InDesign	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Adobe Premiere	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Adobe After Effects	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
MS Word	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
MS Excel	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
MS Powerpoint	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
CMS	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
HTML	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
CSS	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
PHP	■ ■ ■ ■ ■ ■ ■ ■ ■ ■

Various

Boat experience	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Diving	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Presenting	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Social Media (science comm.)	■ ■ ■ ■ ■ ■ ■ ■ ■ ■

Languages

Dutch	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
English	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
German	■ ■ ■ ■ ■ ■ ■ ■ ■ ■

Research Experience

Functional role of elasmobranchs in intertidal ecosystems.

University of Groningen (NL & Guinea-Bissau) **2018 - Present**

Spatial habitat use of silky sharks on the Saba Bank.

Saba Bank Management Unit & Oceaware (Saba) **2018 - Present**

Presence of large predatory sharks in the Mediterranean.

The Oceaware Project (NL) **2012 - Present**

Bycatch of nurse sharks in the lobster fishery of the Saba Bank.

Oceaware Consultancy (Saba) **2018**

Spatiotemporal distribution of Caribbean reef sharks and nurse sharks around Saba.

Wageningen Marine Research (NL & Dutch Caribbean) **2015 - 2016**

Priorities for elasmobranch conservation in the Banc d'Arguin, Mauritania.

World Wildlife Fund & University of Groningen (NL & MR) **2016**

Laserphotogrammetry and identification of great hammerhead sharks in Bimini.

Freelance, collaboration with O'Seas Conservation Fdn. (BS) **2015**

Effect of sand nourishment on macrobenthic communities and waders on the Oesterdam.

Wageningen Marine Research (NL) **2014**

Laserphotogrammetry and growth of free-ranging white sharks in Gansbaai.

Stellenbosch University & Shark Diving Unlimited (SA) **2013**

Invasive species in Lake Grevelingen, Eastern Scheldt and Schleswig-Holstein.

GiMaRIS (NL) **2012 - 2013**

Shark-Human interactions in the waters of Grand Cay (field assistant).

Shark School (BS) **2012**

Science Communication

Scientific Publications

Leurs, G., Boman, E., & Walker, P. (2018). Range extension of the lemon shark (*Negaprion brevirostris*) within the Dutch Caribbean: First records of young individuals in the waters of Sint Eustatius. *Science Matters*, 1–6.

O'Connell, C. P., & Leurs, G. (2016). A minimally invasive technique to assess several life-history characteristics of the endangered great hammerhead shark *Sphyrna mokarran*. *Journal of Fish Biology*, 88(3), 1257–1264.

Leurs, G., O'Connell, C. P., Andreotti, S., Rutzen, M., & Vonk Noordegraaf, H. (2015). Risks and advantages of using surface laser photogrammetry on free-ranging marine organisms: a case study on white sharks *Carcharodon carcharias*. *Journal of Fish Biology*, 86(6), 1713–1728.

Conference Presentations

- Spatiotemporal distribution of two reef-associated shark species: an integrative approach.**
Sharks International, Joao Pessoa (BR) **2018**
- Elasmobranchs of the Banc d'Arguin (Mauritania): Conservation and Ecological Importance.**
Sharks International, Joao Pessoa (BR) **2018**
- Elasmobranchs of the Banc d'Arguin (Mauritania): Conservation and Ecological Importance.**
21st Annual Meeting of the European Elasmobranch Association, Amsterdam (NL) **2017**
- Priorities for elasmobranch conservation in the Banc d'Arguin, Mauritania.**
Globalization of Fisheries: the prevalence, actors, ecological impact and regulation of illegal fishing, Texel (NL) **2017**
- Spatiotemporal distribution of Caribbean reef sharks and nurse sharks around Saba.**
20th Annual Meeting of the European Elasmobranch Association, Bristol (UK) **2016**

Outreach

- Sense of Smell of Sharks* (January 2017).
Radio 1 Belgium, Interview: Annemie Peeters.
- Shark research in the Bahamas* (August 2016).
Vroege Vogels (Radio 1), Interview: Menno Bentveld.
- Hunting the Hammerhead* (August 2016).
National Geographic Channel & Smithsonian Channel, Production: Earth-Touch.
- Longevity of Greenland Sharks* (August 2016).
L1 Radio, Interview: Tim op het Broek.
- Renault Life episode about swimming with sharks* (June 2016).
Renault Nederland, Interview: Vincent Croiset.
- A lifelong fascination for sharks* (March 2016).
L1 Avondgasten, Interview: Frans Pollux & Kirsten Paulus.
- What to do when a shark attacks* (January 2014).
Radio 2, Interview: Gijts Stavermans.

Various Interviews & Publications

Quest, KIJK Magazine, Resource Wageningen, BioNieuws, Dagblad De Limburger, HAS Beats.

Featured Photography (high-impact media)

National Geographic, World Wildlife Fund, Trouw, Duiken.

Education & Courses

Education

- MSc. Biology, specialization Marine Biology**
Wageningen University & Research, Wageningen **2014 - 2016**
- BSc. Applied Biology, specialization Ecology**
University of Applied Sciences HAS Hogeschool, Den Bosch **2010 - 2014**
- Higher General Secondary Education, Health & Science + Health & Technology**
Valuacollege, Venlo **2004 - 2010**

Courses

- PADI Divemaster**
Saba Conservation Foundation, Saba **2018**
- Laboratory Animal Science - Fish (Article 9)**
Wageningen University & Research, Wageningen **2017**
- Shark-Human Interaction I**
Sharkschool, Grand Cay, Bahamas **2012**
- PADI Rescue Diver**
FranksDives, Tilburg **2012**
- PADI Advanced Open Water Diver**
FranksDives, Tilburg **2012**
- Emergency First Response (1 + 2)**
FranksDives, Tilburg **2012**
- PADI Enriched Air Diver (NITROX)**
FranksDives, Tilburg **2012**
- Spanish (beginner)**
NHA Opleidingen **2011**
- Cardiopulmonary Resuscitation (CPR)**
Private Course **2011**
- PADI Open Water Diver**
DiveSenses, Breda **2011**

Secondary Activities

- Founder**
The Oceaware Project **2012 - Present**
- Member**
Dutch Elasmobranch Association **2015 - Present**
- Save Our Sharks project Blogger**
Save Our Sharks (Dutch Caribbean Nature Alliance) **2016**
- Volunteer**
Global marine conservation NGO **2010 - 2013**

References

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