



Program for the Annual Science Meeting of the  
European Elasmobranch Association - 2021  
(EEA2021)

*Dates: 2 – 5 November 2021 (2 Nov. online only)*

*Location: Naturalis Centre for Biodiversity – Leiden – The Netherlands*

*Host Organisation: Dutch Elasmobranch Society (NEV)*

Program day 1 (Online day)

2 November 2021

*Zoom link for the meeting will be shared 1 week before the event*

Session 1	Session title	Spatial and temporal dynamics of sharks and rays
10:00-10:10	Opening	
10:10-10:50	Key note James Thorburn	A multidisciplinary approach to identifying the footprint of an MPA for a migratory benthic species
10:50-11:05	Kirsty Magson	Citizen Science reveals the population structure and seasonal preference of whale sharks in the Gulf of Thailand
11:05 - 11:20	Jordan Moss	Effectiveness of length-based stock assessment models in a data-limited, mixed fishery: a case study from Sri Lanka
11:20 - 11:35	Paco Pinto	Sharks protected in Spain
11:35 - 11:50	Joanna Barker	Progress towards safeguarding Angelsharks in Wales using heritage, education and research
11:50 - 11:55	Damian Villagra	Life-history traits of batoids (Superorder Batoidea) in the Northeast Atlantic and the Mediterranean <i>5 minute pitch</i>
11:55 - 12:00	Sofia Graça Aranha	At-vessel mortality of demersal and deep-sea Chondrichthyes caught in crustacean bottom-trawlers in the Southern coast of Portugal <i>5 minute pitch</i>
END OF DAY 1		



Sponsors:



Ministerie van Landbouw,  
Natuur en Voedselkwaliteit



## Program day 2

3 November 2021

Session 2	Session title	Underpinning shark and ray conservation and management
13:00-13:20	<b>Opening</b>	
13:20-14:00	Key note Ali Hood	25 years of shark conservation
14:00-14:10	Timm Reinhardt	Encouraging synergies between fisheries and environmental science and policy, to improve elasmobranch conservation
14:10-14:20	Carlo Zampieri	Individual-Based Models as a tool for elasmobranch conservation
14:20-14:30	David Kuntel	Strengthening sharks protection in Indonesia: Lessons learned from USAID BIJAK Project
14:30-14:40	Paddy Walker	Good Environmental Status for elasmobranchs – are we there yet?
14:40-15:00	Poster Pitches – Session I	
15:00-15:30	coffee	
15:30-15:40	James Thorburn	A multidisciplinary approach to identifying the footprint of an MPA for a migratory benthic species
15:40-15:50	Jurgen Batsleer	INNORAYS: improving our knowledge base for North Sea rays using electronic monitoring
15:50-16:00	Carlotta Mazzoldi	Evaluation of survival rates if juveniles of commercial elasmobranch species: is the post-capture release of early life stages an effective fishery management measure
16:00-16:10	Laura Lemey	Raywatch - a study on the population biology and survival of seven ray species in the Northeast Atlantic
16:10-16:30	Tadzio Bervoets	TBC
16:30-16:40	Ayumi Kuramae Izioka	Tag and recapture data for bycatch of nurse sharks in lobster fishery on the Saba Bank (Dutch Caribbean)
16:40-16:50	Melanie Meijer zu Slochteren	TBC
16:50-17:00	Irene Kingma	Haven't we forgotten something? Urgent need for management of tope shark ( <i>Galeorhinus galeus</i> ) in the EU
<b>END OF DAY 2</b>		
18:30 – 20:30	Icebreaker reception – Grand Café de Burcht - Leiden	

## Program day 3 - morning

4 November 2021

Session 3	Session title	Advances in science for the coming decades
9:00 - 9:40	Key note Sophy McCully-Phillips	Mid-life musings: progress or regress
9:40 - 9:50	Daniel van Berkel	Genetic diversity and population structure of the starry smooth hound in the Northeast Atlantic Ocean
9:50 - 10:00	Eleanor Greenway	Comparisons of age estimations for the thornback skate ( <i>Raja clavata</i> ) and blonde skate ( <i>Raja brachyura</i> ) using truncal and caudal vertebra
10:00-10:10	Bree Taylor	Estimating age in elasmobranchs: intra-individual disparity in band counts of the thornback ray ( <i>Raja clavata</i> )
10:10-10:20	Sophie Loca	Skate-ing over the issue: taxonomic nuances, revised distribution and conservation implications for flapper skate <i>Dipturus intermedia</i>
10:20-10:30	Edgar Eduardo Becerill-Garcia	Exploring a new alternative for the study of reproduction in threatened chondrichthyans: a minimal invasive approach
10:30-10:40	Annemieke Hermans	EMV-scape, a baseline of EMF on the Dutch Continental Shelf
10:40-10:50	Poster Pitches – Session II	
10:50-11:15	coffee	
11:15-11:25	Naturalis	
11:25-11:35	Pablo Garcia-Salinas	Elasmobranch sperm cryopreservation as a novel tool fo ex situ conservation
11:35-11:45	Lucien Besnard	Mercury isotope clocks estimate dispersal timing from natal area in hammerhead shark
11:45-11:55	Carolina de la Hoz Schilling	DNA barcoding as a tool to explore elasmobranch diversity in eDNA off the Banc d'Arguin, Mauritania
11:55-12:10	Poster Pitches – Session III	
12:10-13:30	Lunch +museum visit	

## Program day 3 - afternoon

4 November 2021

Session 4	Session title	Shark and ray research on a shoestring
13:30-14:10	Key note Alec Moore	Alternative approaches to researching sharks & rays in data-poor regions
14:10-14:20	Jorge Moreno	Spying on the devil's lair: remote monitoring of the seasonal aggregation of <i>Mobula tarapacana</i>
14:20-14:30	Benjamin Marsaly	Movement patterns of tiger shark <i>Galeocerdo cuvier</i> around Tahiti and Moorea, French Polynesia, South Pacific
14:30-14:40	Ruairi Gallagher	Fast forwarding marine biodiversity surveys
14:40-14:50	Andre Steckenreuter	Emerging technologies in acoustic telemetry
14:50-15:00	Adi Barash	SPOTTED - a web-based game for photo identification
15:00 - 15:15	OCEARCH Chris Fischer	The OCEARCH Model for Advancing Shark Research and Education
15:15 - 15:30	OCEARCH Bob Heuter	OCEARCH's North Atlantic White Shark Study: Scope, Techniques, and Results
15:30 - 15:45	OCEARCH Bryan Franks	Seasonal fidelity by white sharks ( <i>Carcharodon carcharias</i> ) in the western North Atlantic over multiple spatial and temporal scales
15:45-16:00	Tea	
16:00-17:30	<p style="text-align: center;">Breakout sessions</p> <p style="text-align: center;">These are workshop style sessions centred around one theme or question with a maximum of 15 participants.</p> <p style="text-align: center;">1 Fowler: stronger partnerships for saving sharks 2 Bervoets: when you start from nothing 3 Thorburn: not so common skate 4 TBC 5 Heuter: strengthening your research questions 6 Steckenreuter: next level in tracking sharks</p>	
<b>END OF DAY 3</b>		
19:00 – 21:30	Conference dinner	

## Program day 4

5 November 2021

Session 5	Session title	A global perspective on sharks and rays
9:00-9:40	Key note Angelo Villagomez	Working in Small Islands: Adventures in Shark Conservation Lessons learned the hard way so you don't have to
09:40-9:50	Guido Leurs	The status of guitarfishes within two large intertidal areas in West Africa
9:50-10:00	Romarc Jac	Cold and dark who wants to live here?
10:00 - 10:10	Yarra Grossmark	Large-scale distributions of migratory species in the Mediterranean - insights from the MECO project
10:10 - 10:20	David Ruiz-Garcia	Mediterranean ghosts of the deep - a review for the understanding of their ecology and risks
10:20 - 10:30	Matteo Barbato	Too young to die: mapping birthing sites of the endangered sandbar shark ( <i>Carcharhinus plumbeus</i> ) to inform conservation in the Mediterranean Sea
10:30 - 10:45	Naturalis	
10:45-11:15	coffee	
11:15-11:45	Reports on Breakout sessions	
11:45 - 11:55	Sandrine Serre	A closer look to coastal aggregation of porbeagle sharks in the English Channel
11:55 - 12:05	Timo Staeudle	Spatio-temporal distribution and abundance of thornback ray ( <i>Raja clavata</i> ) in the North Sea and the Eastern English Channel
12:05-12:15	Claudia Junge	A coastal shark on a mission
12:15-12:25	Matthias Schäber	
12:25-12:35	Michael Williamson	The impact of changing oceanic conditions and habitat stress on the movement connectivity of reef shark species
12:35-12:45	George Balchin	Investigating multiscale temporal trends and the effect of diving tourism on shark top predators in the Egyptian Red Sea
12:45:13:00	Closing adress	