

3rd World Seabird Conference – 04 October 2021

AGENDA - Workshop 2: Night-time collisions with lighted vessels and structures at sea

We will be using Zoom embedded in the Underline conference-hosting virtual environment to conduct this workshop. The general structure is as follows:

0. Introduction and seeding of discussion, UV LED presentation (50 min)
1. Discussion #1 (20 min), What concerns exist in different maritime sectors?
2. Discussion #2 (20 min), What data are needed to define problem/test solutions?
3. Discussion #3 (20 min), What techniques can deter/mitigate collision/attraction?
4. Discussion #4 (20 min), Where are good opportunities for field tests?
5. Discussion #5 (20 min), Open discussion period, if needed
6. Take-home messages, wrap up, post-workshop contact list (30 min)

The table below shows a more detailed agenda with time allocations and guidance on what will be covered in each component of the workshop.

The methods we use to facilitate discussion and participation will necessarily be based on the number of workshop attendees.

Time	Part	Topic	Notes
15:00-15:50 UTC	0	Introduction and seeding of discussion	Jen Zamon, moderator
5 min	0.a	WHY are we holding this workshop?	Awareness
5 min	0.b	WHAT do we want to accomplish?	Information gathering, idea generation, networking
15 min	0.c	Ground rules, participant poll	-Sector representation -Levels of concern
15 min	0.d	Presentation: UV LED lighting as a collision-deterrence technique (Presenter: Don Ronning)	A potential solution from aviation applications to address collision/attraction problems
10 min	0.e	Question/discussion period	
10 min		BREAK	
16:00-16:20 UTC	1	Discussion 1 - What marine/coastal bird concerns exist in your work sector?	Jeff Shenot, moderator
10 min	1.a	What is the nature and geographic extent of the collision/attraction concern, and what species are affected?	-Collisions, gear interactions, other? -Seasonal or weather-related? -Local, regional, global?
10 min	1.b	Which concern is most important to you, and why?	Sector mandates/priorities
10 min		BREAK	

Time	Part	Topic	Notes
16:30-16:50 UTC	2	Discussion 2 - What data are needed to address the problem and test solutions?	Jen Zamon, moderator
5 min	2.a	What observations/data/information are already available to address the problem?	-Published work? -Internal reports? -Agency/industry databases? -Unpublished work?
10 min	2.b	What data are still needed for making management recommendations or proposing solutions to decision-makers?	-Type of observations/data? -Field tests for solutions?
5 min	2.c	Are there obstacles to obtaining or evaluating needed data and tests?	-Restricted/proprietary access or information? -Concerns about “bad press” or regulation? -Resources/funding?
10 min		BREAK	
17:00-17:20	3	Discussion 3 - What techniques can deter/mitigate collisions?	Jeff Shenot, moderator
10 min	3.a	Have you or would you consider deterrent lighting as a potential solution?	-If so, briefly explain. -If not, why not?
10 min	3.b	What other solutions have been tested/evaluated, and what are results?	-Aiming or filtering lights -Other
10 min		BREAK	
17:30-17:50	4	Discussion 4 - Where are good opportunities for field tests of solutions?	Jen Zamon, moderator
	4.a	In what work sector or marine system is there good potential for small-scale - but robust - field tests of deterrent lights, and briefly explain why?	
	4.b	Do other solutions have good test opportunities? If so, where are they?	
10 min		BREAK	
18:00-18:20	5	Discussion 5 - Open Discussion Period	Jeff Shenot, moderator
~10 min	5.a	New topics that come up during workshop	
~ 10 min	5.b	Continued discussion of prior topics	
	5.c	Skip to wrap-up if this is unneeded	
10 min		BREAK	

Time	Part	Topic	Notes
18:30-19:00 UTC	6	Take-home messages, wrap up	Jen Zamon and Jeff Shenot, moderators
12 min		What are key highlights from today's conversations?	
12 min		Are there "next steps" or "action items"? Who will be responsible for them?	
5 min		Who would be interested in post-workshop follow-up?	Provide name, affiliation, email contact in chat
1 min		THANK YOU	

Workshop Hosts/Facilitators:

Jen Zamon, NOAA Fisheries, USA jen.zamon@noaa.gov

Jeff Shenot, NOAA Fisheries, USA jeff.shenot@noaa.gov