

DAIMON 2: Decision Aid for Marine Munitions – Practical Application

Webinar by Thünen-Institute of Fisheries Ecology

- German language –

DAIMON Ecotox Toolbox – Assessment of Marine Munitions impact on biota

03rd November 2020 10:00 – 16:00

The webinar is organized by the Thünen-Institute of Fisheries Ecology within the DAIMON 2 project. The webinar is addressed to target users (executive and technical staff of maritime administrations, environmental agencies or coastal guards, offshore companies, academia and NGOs) involved in the risk assessment of marine areas affected by dumped munitions.

A brief introduction to the topic of dumped munitions in the seas will be given, highlighting the significant risks, recent political developments and data requirements for the operation of the Decision Support System for marine munitions (DSS) (see: <https://www.daimonproject.com/decision-support-system-dss.html>). For this purpose, participants will be introduced to the “DAIMON Ecotox Toolbox” (see: <https://www.thuenen.de/de/fi/arbeitsbereiche/meeresumwelt/munition-im-meer/daimon-ecotox-toolbox/>), a compilation of fact sheets describing various methods useful for the detection, analysis and impact assessment of dumped munitions. The main topics will be fish health and fish sampling including biological and chemical analysis of explosives and their metabolites. In addition, practical experiences and results with the “Ecotox Toolbox” will be presented. After the webinar the participants will be prepared to use the methods from the “DAIMON Ecotox Toolbox” to create own methodological concepts for the investigation of dumped munitions. Finally, the application potential of the methods for a possible future monitoring of the effects of dumped munitions will be discussed.

Registration for the webinar, 3rd November 2020, under the following link address: <https://www.daimonproject.com/dss-trainings.html>. The registration deadline is the 2nd November 2020.

Attention: At the beginning of October 2020, the participants of the webinar will have the opportunity to participate in demonstration cruises on the Polish research vessel *R/V Oceania* in order to experience the practical application of selected methods of the “Ecotox Toolbox”. A separate registration is necessary for this (<https://www.daimonproject.com/dss-trainings.html>). Please note that there is only a very limited number of places available.

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Webinar vom Thünen-Institut für Fischereiökologie

DAIMON EcoTox Toolbox – Assessment of Marine Munitions impact on biota

03. November 2020 10:00 – 16:00 Uhr

10:00	Begrüßung	Ulrike Kammann (Thünen-Institut)
10:10	Einführung in das Thema <i>Munition im Meer</i> Welche Risiken bergen die Munitionsaltlasten? Was sagen die derzeitigen Ergebnisse der Forschung? Wie kann man Antworten finden? Welche Daten werden benötigt?	Katharina Straumer (Thünen-Institut)
10:30	DAIMON EcoTox Toolbox I Aufbau und Funktionsweise	Ulrike Kammann (Thünen-Institut)
10:50	Proben generieren! Aber welche? Beispiele zur Anwendung der EcoTox Toolbox Beispiel: Fischerei, Fischgesundheit und chemische Analyse von Fischproben	Katharina Straumer (Thünen-Institut)

Umgang mit Fact Sheets

11:10 Chemische Analytik von Explosivstoffen in Fischen Daniel Koske
mittels LC-MS/MS und Schlussfolgerungen (Thünen-Institut)

11:40 Auswirkungen von Munitionsaltlasten auf die Jörn Scharsack
Gesundheit von Fischen (Thünen-Institut)

12:00 DAIMON EcoTox Toolbox II Ulrike Kammann
Auswertungen und Hilfestellungen mit der EcoTox
Toolbox (Thünen-Institut)

12:20 - 13:20 Mittagspause

13:20 Vorstellung und Anwendung des DSS Interface Simon van der Wulp
(EGEOS GmbH, Kiel);
Sven Hartmann (TU
Clausthal-Zellerfeld)

14:20 Diskussion Moderation: Daniel
Koske und Katharina
Straumer

Welche Konsequenzen aus Ergebnissen ziehen?

Wie sollte/könnte der weitere Umgang mit der Munition
aussehen?

Möglichkeiten der Implementierung eines Monitorings

Welche Möglichkeiten haben wir? Behörden, Anstalten,
öffentliche Einrichtungen etc.

Anwendung der EcoTox Toolbox

Politische Entscheidungen