

# IKHAPP Newsletter



**IKHAPP's mission is to collect, critically analyze and disseminate scientific knowledge to support effective policies and actions to fight plastic pollution globally.**



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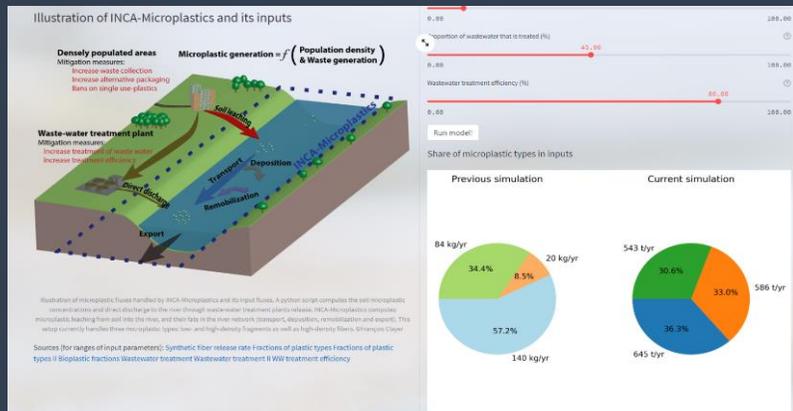
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## Message from IKHAPP

Welcome to the IKHAPP community! Our second newsletter contains updates on recent publications, events and news within the field of plastic pollution. The negotiations toward a legally binding instrument to end plastic pollution has continued throughout 2023, and IKHAPP has been following the developments. Read [updates and reflections from the intergovernmental negotiation committee \(INC\) meetings and more](#). IKHAPP is also proud to host the [Scientists' Coalition for an Effective Plastics Treaty](#) - an international network of experts seeking to contribute with summaries and interpretations of scientific knowledge to decision makers and the public involved in the treaty negotiations. Visit the [website to learn more about their work and activities](#).

2023 was an exciting year for IKHAPP, with several new partnerships and activities. In May, the [3RproMar knowledge partnership for Marine Litter Prevention in ASEAN](#) was launched in Bali, Indonesia. IKHAPP has already co-produced several activities through this project collaboration to address marine litter and plastic pollution with the [Deutsche Gesellschaft für Internationale Zusammenarbeit \(GIZ\)](#) and associated partners [ERIA](#) and [RRC.AP](#).

# Updates



**A NEW TOOL** called the INCA-Microplastics modelling tool has been made available in the IKHAPP toolbox. This is a catchment-scale dynamic model that utilizes real or estimated data on land-based sources of microplastics, e.g. from wastewater, agricultural practices, atmospheric depositions, and embrittlement of litter, to calculate releases and transport of microplastics from land to a river estuary. INCA-Microplastics can be applied to any catchment virtually, provided sufficient information on inputs is available. When properly set up and calibrated, INCA-Microplastics can generate predictions of microplastic debris transport to the coastal environment and assess past, present and future pollution scenarios.

Learn more about how mathematical models can help us assess plastic releases and curb pollution and test the demo version of INCA-Microplastics for free [here](#).

## PODCAST EPISODE: Can the use of plastic products in agriculture be made sustainable?

Listen to plastic experts Richard H. Thompson and Kristina Thygesen discuss how the new plastics treaty could help achieve a sustainable use and waste management of plastics in agriculture and the role of policymakers and scientists in [the IKHAPP podcast](#).

In collaboration with The Food and Agriculture Organization of the United Nations (FAO), IKHAPP is working on creating a dedicated section of our library with scientific papers and reports on agricultural plastics that will be launched by the end of the year. Learn more on the topic of agricultural plastics by watching the recording of our webinar **Mapping Knowledge Gaps on Environmental Safety and Sustainability on Agriplastics** [here](#).

Inclusion of the informal recycling sector is another key topic. Read the working paper **Inclusion of the Informal Recycling Sector in a Global Agreement on Plastic Pollution** [here](#).

You can also watch the recording of our **Webinar on Fair and inclusive EPR schemes in the Global South** [here](#).

# Upcoming event

**Webinar: Leveraging AI for Plastic Pollution Detection and Monitoring**  
19th January 2024, 14.00 - 15.30 (CET), Microsoft Teams

**Morten Goodwin**  
University of Agder

**Robin de Vries**  
The Ocean Cleanup

**Robrecht Moelans**  
VITO Remote Sensing

**Donal Hill**  
Plastic-i

**Klaas Pauly**  
Waste Watchers, VITO

**WEBINAR: Leveraging AI for Plastic Pollution Detection and Monitoring.** The upcoming webinar is organised by SALT, NIVA and IKHAPP.

The webinar will be held on Friday **19 January 2024, 14.00-15.30 CET**. This webinar aims to uncover the role of Artificial Intelligence (AI) in combating plastic pollution and learn how technology can drive positive change for our oceans and rivers. More specifically, we will focus on the cutting-edge realm of AI-powered remote sensing, specifically focusing on its revolutionary role in detection and monitoring of plastic pollution.

Read more and register your participation in the webinar [here](#).