



# IALA Risk Management Seminar

**Language:** English

**Date:** 28th April 2025, 10:00 AM to 1st May 2025, 12:00 PM

**Location:** IALA-AISM Headquarters, 10 rue des Gaudines, 78100, St Germain en Laye, France

**Certificate:** A certificate of participation will be provided

**Seminar Fee:** Free of charge

For further information, please contact the IALA World-Wide Academy: [Academy@iala.int](mailto:Academy@iala.int)

## INTRODUCTION

Understanding and assessing navigational risk is vital to meet international maritime and regional marine spatial planning obligations, which seek to minimise the risk of accidents, protect the marine environment, and ensure the efficient operation of shipping routes. Taking into account the needs of mariners and infrastructure developers, and the requirements and constraints of Marine Aids to Navigation (AtoN) authorities, IALA regularly offers the opportunity to exchange and compare related experiences and developments. Your next opportunity to join us will be at this IALA Risk Management Seminar, specifically tailored to:

- Facilitate collaborative sessions to share experiences and address practical challenges.
- Foster networking opportunities.
- Advance the development of the IMO endorsed [IALA Risk Management toolbox](#).

## PROVISIONAL THEMES FOR DISCUSSION

### General Approach to Navigational Risk Management

- Core concepts in navigational risk management
- Data integration and validation
- Model validation processes

### Modelling and Analysis Techniques

- Enhancements to traffic distribution models
- Modelling dispersed traffic in sea areas
- Applicability of causation factors and local adjustments
- Simulation of "what-if" scenarios
- Incorporation of non-AIS vessel movements
- Modelling of windfarms
- Improvements in AIS data processing
- Impact assessment

### Development of the IALA Risk Management Toolbox

- IWRAP software development update
- Complementary use of IWRAP with other tools

## SUGGESTED SKILLS

This seminar is tailored for experts including maritime professionals, researchers, and software developers, including IWRAP-users.

## SEMINAR LOGISTICS

A list of hotels near the IALA Headquarters is published on the IALA website: <https://www.iala-aism.org/contact/>. Participants are welcome to register on the IALA-WWA webpage: <https://academy.iala-aism.org/wwa/training/course-schedules/>. Attendance at this seminar includes the following:

- Participation in all sessions
- Full license for IWRAP for three months
- Certificate of participation
- Welcome reception
- Lunches and coffee/tea breaks
- Mid-seminar dinner

## CANCELLATION

Cancellations must be sent by e-mail to [contact@iala.int](mailto:contact@iala.int). Further information, including the seminar programme, will be published on the IALA website in due course, but in the meantime, please register your interest on the IALA WWA webpage.