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*Handbook of*  
**Multisensor  
Data Fusion**

Theory and Practice

*Second Edition*

Edited by  
**Martin E. Liggins**  
**David L. Hall**  
**James Llinas**

# Handbook Of Multisensor Data Fusion

**David Hall, James Llinas**



## **Handbook Of Multisensor Data Fusion:**

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*Prediction and Recognition of Piracy Efforts Using Collaborative Human-centric Information Systems* Éloi Bossé, Elisa Shahbazian, Galina Rogova, 2013

Maritime piracy is the cause of widespread international concern and the number of pirate attacks has increased substantially in recent years Many commercial vessels are inherently vulnerable to attack because of their size and relative slowness and technological improvements have resulted in smaller crews on large vessels whilst the absence of enforcement agencies in international waters has served only to make pirates more daring Collaborative human centric information support systems can significantly improve the ability of every nation to predict and prevent pirate attacks or to recognize the nature and size of an attack rapidly when prevention fails and improve the collective response to an emergency This book presents the papers delivered at the NATO Advanced Study Institute ASI Prediction and Recognition of Piracy Efforts Using Collaborative Human Centric Information Systems held in Salamanca Spain in September 2011 A significant observation from previous NATO Advanced Study Institutes and Workshops was that domain experts responsible for maritime security were not fully aware of the wide variety of technological solutions available to enhance their support systems and that although technology experts have a general understanding of the requirements in security systems they often lacked knowledge concerning the operational constraints affecting those who implement security procedures This ASI involved both technology and domain experts as well as students from related fields of study It offered an opportunity for them to discuss the issues surrounding the prediction recognition and deterrence of maritime piracy and will be of interest to all those whose work is related to this internationally important issue

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