- → → The *Remote Sensing Handbook for Tropical Coastal Management* provides a detailed evaluation of what can realistically be achieved by remote sensing in an operational coastal management context. It is aimed at users of the technology in government, NGOs, research institutes, universities and consulting who are involved in managing the coastal resources of tropical nations to ensure sustainable and wise use.
- $\rightarrow$   $\rightarrow$  The Handbook takes the user through the planning and implementation of remote sensing projects from the setting of realistic objectives, deciding which imagery will be most appropriate to achieve those objectives, the acquisition, geometric and radiometric correction of imagery, the field survey methods needed to ground-truth the imagery and guide image classification, the image processing techniques required to optimise outputs, through to image interpretation and evaluation of the accuracy of outputs.
- → → The Handbook provides clear guidance on the capabilities and cost-effectiveness of the most widely used sensors for a range of coastal management applications and step-by-step advice on how to achieve various management goals. It will also be a valuable reference to undergraduate and graduate students studying remote sensing in general and its application to coastal management or marine resource conservation in particular.
- → → → Linked to the Handbook is a computer-based remote sensing distance-learning module: Applications of Satellite and Airborne Image Data to Coastal Management, available free of charge via www.unesco.bilko.org.





Remote Sensing Handbook for Tropical Coastal Management

J N E S C O

PUBLISHIN



Cover photo: Alasdair Edwards